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# THE VULCAN COMPANY

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DETROIT~MICHIGAN

Standard Bronze Work  
For Mausoleums  
and Memorials

CATALOGUE  
1300



In Chart.  
4/8/14.

THE VULCAN COMPANY

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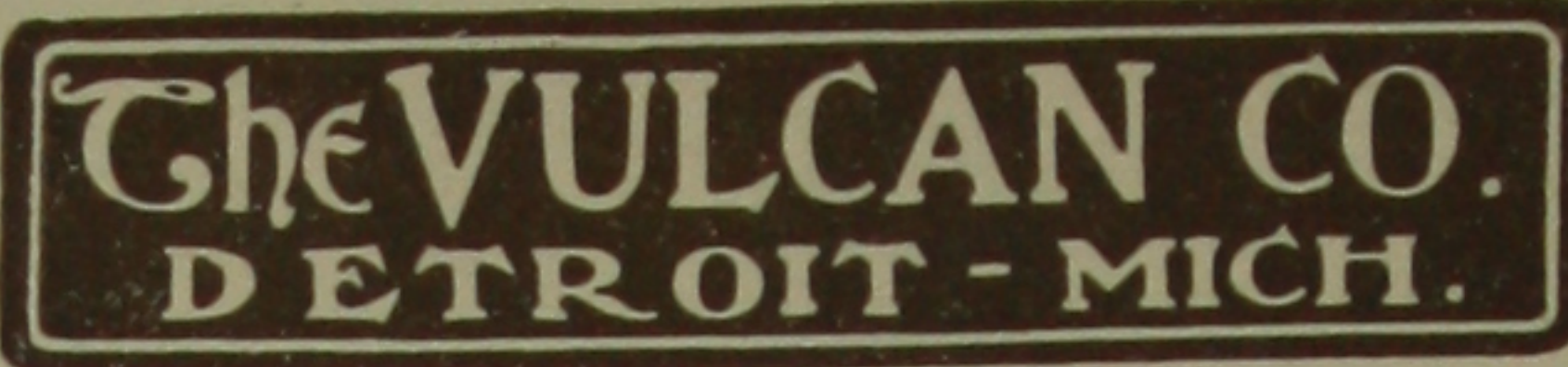
# STANDARD BRONZE EQUIPMENT *for* MAUSOLEUMS AND MEMORIALS



Ober Vault, Pittsburgh, Penn.

**THE VULCAN COMPANY**  
DETROIT. MICHIGAN, U. S. A.





— ESTABLISHED 1902 —

### GREETINGS

The more years a concern has been manufacturing Bronze Work for Mausoleums the more brief may be the introductory text of a new catalog. Besides, in these strenuous days we judge others by ourselves as not wanting one line of superfluous business matter thrust before them. We are therefore, twice consistent in being brief in these pages.

The widespread adoption of the Mausoleum as a resting place for the dead has diffused the knowledge of its construction and equipment among the older Granite Dealers very generally. It is to the new man that this limited reading matter pertaining to Standard Bronze Work for Mausoleums and Memorials is especially addressed.

We particularly ask remembrance of the fact that we are not at all confined to our illustrated patterns or styles. They are little more than suggestive of the unlimited range of possibilities in designing Mausoleum Metal Equipment. While some of them combine small stock patterns of ornamentation which slightly effect shop cost it is the general rule that any other designs of equal elaboration can be produced at relative prices.

It is a very common practice for Architects to adopt our designs for Metal Work in preparing their plans for Mausoleums. But we are always pleased to execute in metal their own conceptions. In fact we prefer to thus aid in broadening the field of Mausoleum Architecture. It appears a business necessity for us to do more or less designing, but we hold deference to the professional man and his work. OUR prime business is to produce BRONZE WORK of the HIGHEST QUALITY.

Very respectfully,

THE VULCAN COMPANY.





Fickinger Vault, Ashtabula, Ohio.

## GENERAL INFORMATION

### Corresponding.

We would first of all impress upon the new dealer (and remind some of the old ones) that in corresponding about Doors, Gates, Window Frames, Grilles, etc., your initial enquiry should, in all possible cases, *explain the manner of setting* by giving such details as size of day-light openings, and the sectional shapes through sills, jambs and lintels. Much valuable time is saved by giving *at first* the fullest possible information as to conditions in the stone work. A *complete set of Vault plans* is of course all that is necessary; but we are assuming the case where information can only be conveniently given by descriptive letter, or crude sketches. To quote exact prices it is most essential that we know sizes and necessary means of securing the metal work in place. Particularly does this apply to Doors and Gates, for bronze plates vary *in price per pound* with differing widths, and the manner of setting doors and gates determine the type and cost of hinges necessary to security and perfect action. Refer to illustrations on pages 10 and 11 showing the various methods of setting.

We will be glad to prepare full details of constructions of Mausoleum Metal Work if such showing will

aid you in effecting sales. We invariably submit such details when order issued to us so vital errors may be avoided, and a perfect understanding in all minor features be assured. See typical shop details page 12.

### Materials.

Our Mausoleum Fixtures, Trim-mings, etc., are made of Bronze in the U. S. Standard Formula. This is 90 per cent pure copper, and 10 per cent alloys. The adoption of Bronze as the most adaptable metal for all permanent ornate architecture is a matter of common knowledge. It is not susceptible to the normal actions of the elements, as proven by ages of test, and we are thus convinced of its permanency so long as humanity can conceive of an interest.

We build a limited amount of Mausoleum Work in Steel and Iron. These materials are confined mostly to Receiving Vaults where limitation of use may be anticipated, and perpetual care assured. We give these metals a paint finish. We do not offer a galvanized finish because in many designs it is impractical, and in all decidedly inartistic.

Bronze only should be used in all structures that are intended to be permanent for all time, and of which continuous care can be a negligible question.

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Fischer Vault, Pittsburgh, Penn.

**Built-up Doors.** All of our Doors are of the Built-up types. These constructions, on account of their Elegance in Beautifully Finished Surfaces, Sharp Outlines, Freedom from Foundry Defects—unavoidable in the old cast works, and the Pleasing Contrast of Applied Ornaments satisfy the most aesthetic tastes. Affording the fullest range in styles of architecture from the classic to the conventional and modern the built-up doors, with expense of modeling and carving confined to modest ornamentation, have an advantage of rational economy without in the leastwise sacrificing either beauty or permanency.

We make our doors from solid plates, i. e., the grille openings cut in the single piece. This is an all-important point, for it presents faces free from plate-joints, and enhances the much desired feature of solidity.

**Double Construction.** Double Construction is followed in Standard Bronze Material only. It means plates  $1/16''$  to  $1/8''$  in thickness applied each side of an interior framing. Plates and framing may vary so as to make doors  $7/8''$  to  $1\frac{1}{2}''$  in thickness.

The plates are riveted to the frame with bronze rivets countersunk and dressed on face of doors so as to be practically invisible, giving the body of door an effect of solidity. The grille frame and raised mouldings are applied by similar obscure methods,

thus completing the appearance of solidity so pleasing to the eye, and consonant with the lithic surroundings.

Panels may, with extra labor cost, be sunken below the plane of door body, but very few critics deem such betterment as justifying the additional cost. The raised paneling is generally specified even in the very elaborate works.

**Single Construction.**

Single Construction is followed invariably in steel doors, and occasionally in bronze when the buyer prefers to put money into weights of materials rather than in an all-around finished appearance. The outside of a single construction bronze door looks quite like the more popular double construction, but the inside view is not pleasing in an artistic sense. This is, however, a very acceptable construction where doors slide into wall pockets with the rear surfaces thus obscured. See Illustration No. 1306.

**Grilles in Doors.**

The openings in the upper part of mausoleum doors serve the double purpose of ventilation and added ornamentation. We fill these openings with ornate grilles executed in wrought or cast bronze of the standard formula. This feature is a very important one in the scheme of ornamentation, and harmony in form and color are the desired ends. Weather shutters swing or slide in rear of the grilles. Polished Plate Glass  $5/16''$  thick suitably framed in Bronze is the stan-





Sutton Vault, Pittsburgh, Penn.

dard shutter. But a solid plate of bronze is occasionally used.

**Panels on Doors.** Panel effects on face of doors are produced mostly by raised plain, drawn, rolled, or cast mouldings applied in a blind manner. These members are sometimes supplemented by various features of cast and wrought ornamentation as you will find herein illustrated. Panels may be, at extra cost, sunken below the plane of door, but as we have stated above, results do not, to many critics, justify the added cost. This is quite a matter of taste however.

**Thresholds.** Bronze Thresholds are almost invariably supplied with bronze doors. They not only afford their nominal use, but with pivotal pins of hinges passing through them, they effect and maintain a perfect bottom hinge adjustment.

Thresholds are secured to sill by screws set in lead expansion shields.

**Hinges.** We illustrate on pages 10 and 11 various common methods of hinging mausoleum doors. Mechanically the pivotal types of hinges are the best. Pivotal pins are embedded in sills or floors, and, protruding through metal threshold, insert into sockets in bottom of doors, or into lugs secured to side of door. At the top the pivotal pins are usually carried by plates lapping well onto inside face of lintel. A few of our customers

demand a continuous lintel bar across inside face of lintel connecting the pivotal pins in same positive spread as does the threshold at bottom. The continuous lintel bar we consider good where conditions will permit placing it.

The above mentioned fixed parts of upper hinges are secured to granite by suitable bronze bolts with lead expansion jackets.

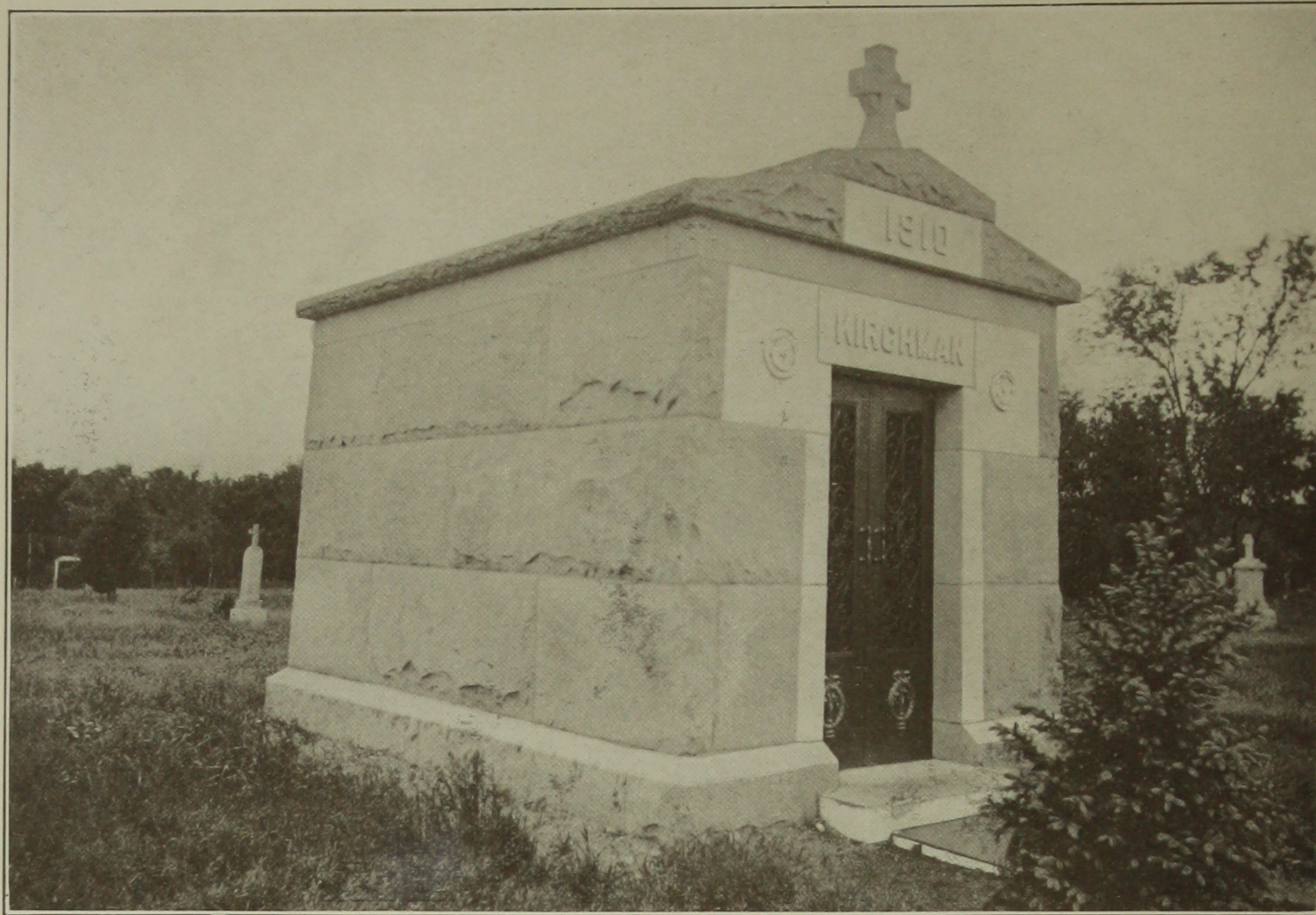
The most common setting of doors is to lap them onto the inside of jambs and lintel, often without rabbet of any kind (No. 1300), often with rabbet formed by marble trim brought up to flush  $\frac{1}{2}$ " from edge of jamb (No. 1301), occasionally rabbets are cut into granite jambs and lintel flush  $\frac{1}{2}$ " wide by thickness of door in depth (No. 1303). In these mentioned settings the doors must swing inward. If doors must swing outward see methods of setting illustrated by Nos. 1304 and 1305.

We are generally able to devise hinging method suited to conditions of stone work whatever they may be.

#### **Locks.**

A heavy full-bronze five-tumbler rim dead lock is almost exclusively used, being placed on the inside face of door, with  $\frac{3}{4}$ " round key horn passing through face of door. By "full-bronze" we mean that not only the case, but the entire working parts of our locks are bronze, and cannot deteriorate by corrosion. Two German Silver Knife-Keys supplied with each.





Kirchman Vault, Wahoo, Nebraska

For Community Vaults we can supply these Full-Bronze locks with private and master keys in desired numbers.

**Bolts.**

One section of double doors is equipped with neat, strong slide bolts on inside face of door engaging suitable bronze keeper at top, and bronze threshold at bottom. See "interior" view, page 12.

**Finish of Doors.**

Our Bronze Doors are finished in Fine Emery and Oil by hand rubbing, showing plain surfaces in "satin" effect. This is skillfully done, and leaves the metal in a pleasing tone of rich natural color. Carved cast ornaments have their high-lights polished, and lower faces in fine sand finish for desired modest contrast.

**Gates.**

We make a full line of Mausoleum Gates in both Bronze and Iron. Gates are used mostly in connection with solid stone inner doors. To name prices we should have information similar to that required in pricing doors. On illustrated designs the hinging and locking may be changed to meet conditions of setting.

**Grilles for Windows.**

Various styles of Window Grilles are illustrated on pages 32, 33 and 34. We can execute special designs as well, and will be glad to prepare sketches interpreting your guiding suggestions, or strictly follow Architects' details. In making special prices we should know the manner of setting.

Grilles without frames are most used, and in setting the ends of cross-bars are inserted into stone jambs with a plain washer plate to make finish. This setting can be done after stone work is in place.

**Frames for Glass.**

On pages 35 and 36 we show sections of Standard Frames for Glass, for both single and double glazing. It is especially important that we know manner of setting these frames. Make reference to illustration number showing the setting you require, and whether it applies to sides and top only. Glass Frames proper usually fit the day-light opening neatly, and the weather-strip inserts into the rabbet, if rabbet there be. Where there is no rabbet screws with lead expansion jackets are used.

We illustrate on page 35 a new thing in the way of Ventilating Window Frame. We invite especial attention to it. The ventilating feature is made insect proof by bronze gauze.

**Glass.**

Other than glass for door shutters, which we always supply, we can, when ordered, also supply polished plate and art glass for windows. Of the latter we illustrate some neat designs on pages 37 and 38. But these are no cheaper than any special patterns of equal elaboration. Where special work is wanted we submit water-colored sketches if necessary to an understanding.





Chandler Vault, Sault Ste Marie, Mich.

**Catacomb Fittings.** The prevailing kind of Lifts for Catacomb Fronts are Ornate Bronze Rosettes permanently set by shank through marble. The center of these rosettes have removable buttons in place of which Bronze Tee-handles may be screwed for temporary use in removing the front. The buttons are instantly replaced. Two rosettes are usually applied to each front. Two Tee-handles are sufficient for any number of fronts. We illustrate these parts on page 39.

Catacomb Knees with Bolts for securing in place the stone fronts are illustrated on page 42.

Catacomb Trimmings of any special designs are made upon special orders.

**Floor Lifts** On page 43 we illustrate three styles of Floor Lifts. These combine a fixed socket with shank through floor stone, a removable center plug in place of which a Tee-handle or heavier ring may be temporarily screwed. Replacing the plug leaves a solid smooth floor surface.

**Bolts, Screws, Anchors, Dowels, Etc.** In selling bronze work such as doors, gates, grilles, frames, etc., we invariably supply all necessary bronze hardware for securing them in place.

We also supply the Trade with Bronze Bolts, Screws, Lead Expansion Shields, Bronze Anchors,

Dowels, etc. See page 43. We can make promptly any special shapes in this line of bronze hardware.

**Ceiling Hangers.** On page 40 we show three common types of ceiling hangers.

Where the load to be carried is considerable we advise No. 1406 or No. 1407 style. We should know distance from roof stone to lower face of marble ceiling, and whether a solid or ventilating rosette is wanted.

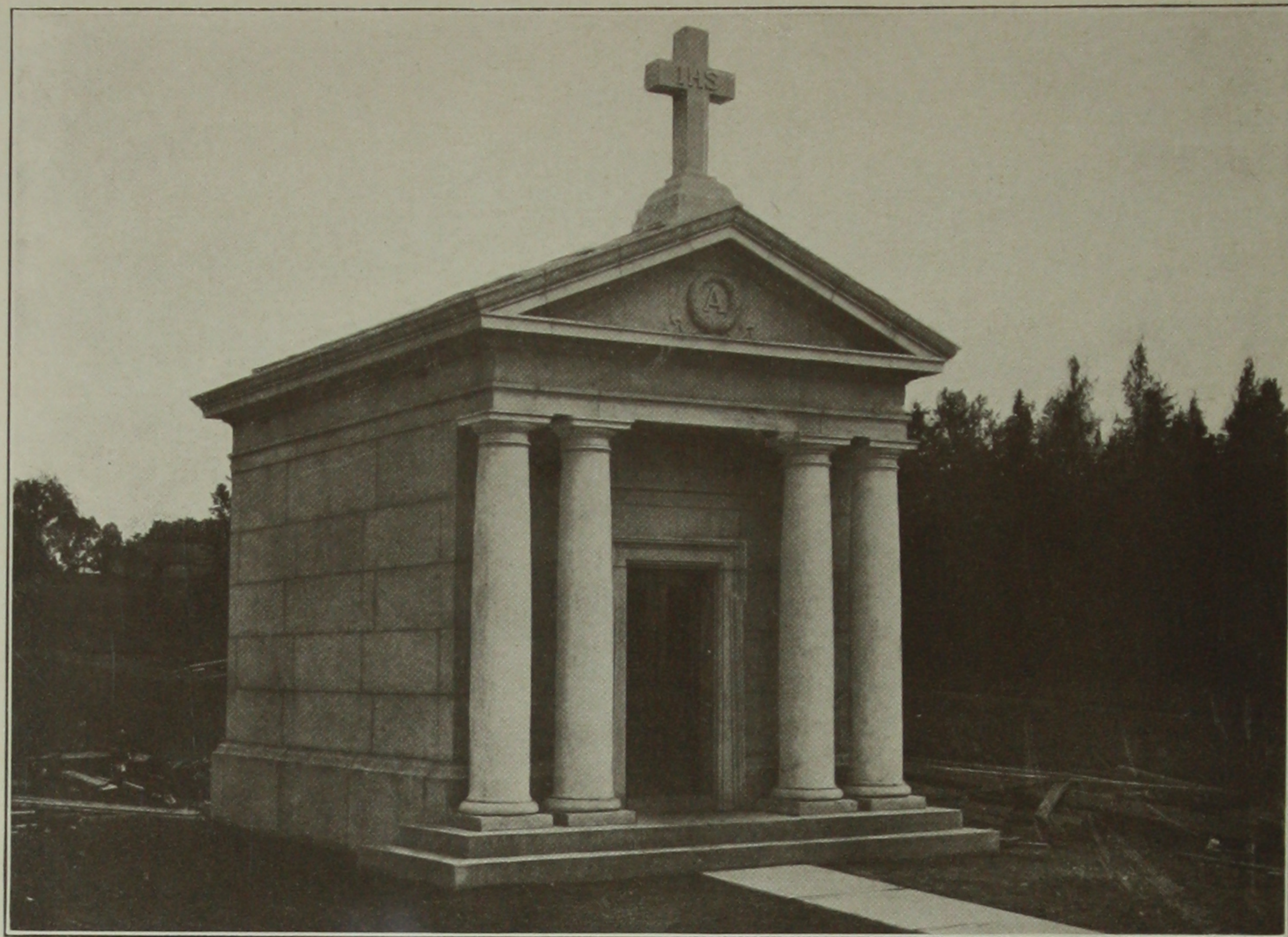
We frequently make hangers of special kinds to meet unusual conditions of stone construction.

**Ventilators.** On pages 44 and 45 we show several common patterns of Ventilators. These are lined with fine mesh bronze gauze to keep out insects. Special styles of vents made to order.

**Stone Door Trimmings.** Most all Stone Door Trimmings are made for individual cases, and in bronze only. Such utilities as Hinges, Hasps, Locks, Slide-bolts, are the usual equipment. Plain or ornate Bar Pulls are occasionally applied, as well as wreaths, torches, or other ornaments. Hinges of the Shoe Type fitting onto the corner of the stone with bolts through we consider the really safe kind.

In writing for prices of Stone Door Trimmings explain the manner of setting, say exact thickness of the stone, and give full-size plan of center joint in





Amyot Vault, Quebec, Que., Canada

case of double doors. We can then determine the essentials. If ornamentation is desired you can express your wishes as to its kind. Say approximately the size of the doors. See page 46 for suggestions.

**Columbarium Doors.**

There is an Increasing demand for Columbarium Doors executed in U. S. Standard Bronze.

Styles for these doors are not as yet conventionally established, but indications point to constructions similar to our illustrations on page 52. These doors usually are set between jambs so as to require stationary bronze frames. Frames are made as simple as possible, and to meet conditions of stone work. The doors proper often take the form of a memorial tablet with proper inscription.

We will be pleased to take up the matter of architectural features when you have no details worked out by professional designer.

**Ash Urns.**

Ash Urns are cast in U. S. Standard Bronze, usually in severely plain turned designs of classic outlines. The tops are threaded to screw in place for the desired sealed effect. Shapes and proportions are governed in part by dimensions of places that are to receive them. In absence of details from buyer we can submit sketches to meet individual cases. See typical illustration on page 52.

**Memorial Tablets.**

Memorial Tablets Cast U. S. Standard Bronze are a con-

siderable part of our products. Besides their use in commemorating persons they are much used in marking historical places, and publicly recording events of great popular interest. The indestructible quality of Bronze gives a fascinating interest in these memorials whereby we speak to posterity.

Bronze Tablets are very generally cast solid, i. e., the inscriptive lettering being cast upon the plate proper. The faces of letters and the border are made bright in emery finish, and the back-ground rubbed and oxidized to a dark antique tone in pleasing contrast and clearer legibility.

Portraits, Seals, Emblems, etc., can be executed upon tablets in bronze. We have portraits modeled from photographs in bas-relief by Professional Artists, then applied to tablet in plaque form in an obscure manner. Emblems of not too elaborate details are cast solid with the plate.

Various methods are employed to secure tablets in place depending in part upon the material to which they attach.

Bolts with ornate caps and lead expansion jackets, lag screws with fancy caps, dowel pins with upset ends or split with wedges and protruding from rear of plate to be set in cement are the more common methods.

In the past much elaboration was given borders and fields of tablets, but tastes have evolved to almost severe plainness. Rhetorical wording of texts, and





Stevens Vault, Aurora, Indiana

symmetrical arrangement of inscription now combine in the artistic effects. We respond to requests for suggestions in tablet arrangement, and submit sketches for criticism and approval.

**Bronze Letters,  
Etc.**

We can supply Cast Bronze Letters, Monograms, and Emblems in all desired sizes and styles.

We will be glad to submit sketches in the absence of definite showing by buyers. Give us proportions of the work wanted, or space it is to occupy, together with your guiding suggestions as to style or character. See pages 59 and 60 for styles of letters commonly used. Nothing of this kind is made for stock.

**Special Work.**

The development of the Mausoleum with its evolution of features is constantly demanding New Things in Bronze. We specialize on things NEW—selfishly perhaps, for it broadens our line of business. But there is a fascination not at all sordid in working for either Utility or Art for their sake alone.

**Designing.**

As stated in our "Greeting" it seems a commercial necessity

that we aid the Trade by doing more or less designing of Bronze Work. This we cheerfully do. But our choice is to DO in BRONZE the bidding of the professional Architect.

**Interchange of  
Designs.**

The combinations of features in our illustrations may be changed as fancy dictates. A door grille

or panel may be combined with some other door. Pulls, wreaths, torches, rosettes, and other ornaments may be similarly interchanged. Sometimes the omission of ornamental features is desired.

**Handling and  
Cleaning.**

Any bright finished Bronze Work should not be handled with the bare hands, as finger

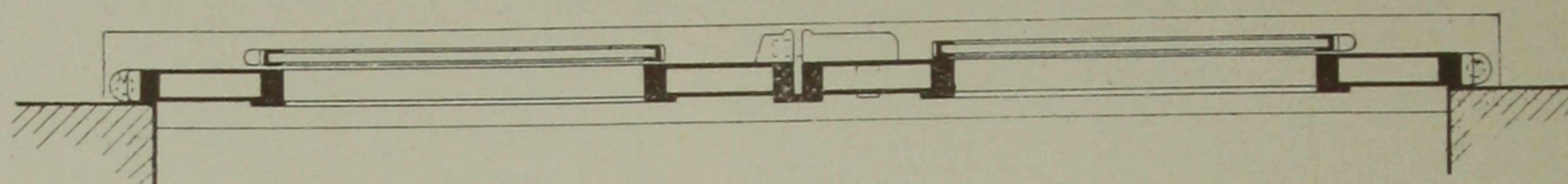
marks tarnish. Bronze doors, gates and similar large pieces are more conveniently handled with cotton gloves. In the absence of gloves use dry cloths.

Unavoidable finger marks or other tarnish may be removed with a solution of one part cyanide of potassium to twenty parts water, with pumice-stone added to make a paste. Rub with soft cloth. Finish with olive oil. Be careful in handling the cyanide as it is a most powerful poison.



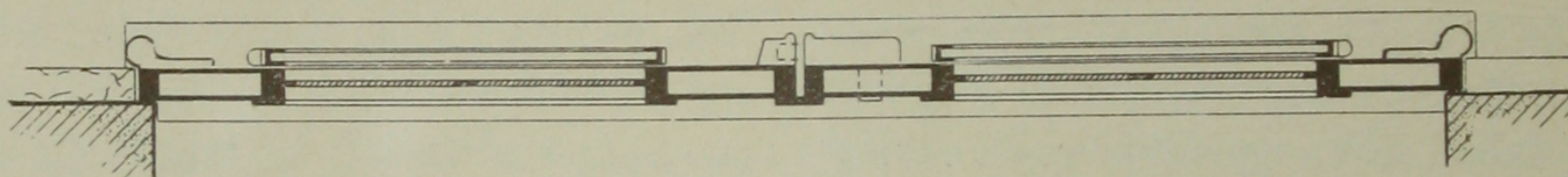
## SUGGESTIONS FOR THE SETTING OF MAUSOLEUM DOORS

Always supply us floor plan of vault and vertical cross-section of opening and jambs where doors set. Give exact size of the daylight opening. All measurements must be given very carefully as this work cannot be altered without great expense after made.



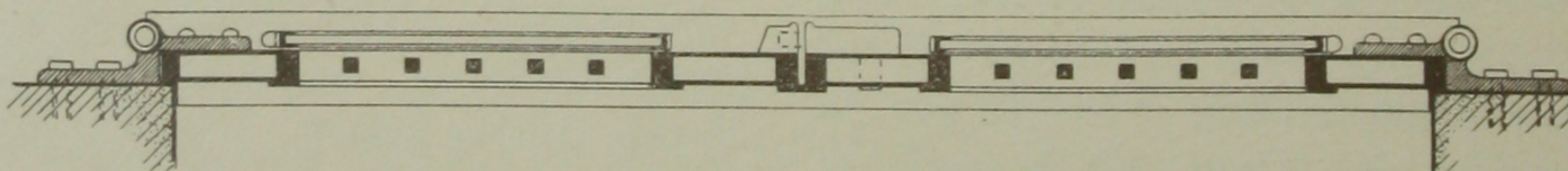
**Vulcan Illustration No. 1300**

In this plan doors are shown lapping about one-half inch at each side and at top of jamb, bronze threshold being provided at bottom. Pivotal hinges are applied to sides of door at top and bottom, pivots riding on bronze pins secured to threshold at bottom and in bronze knees at top which are secured to inner face of lintel with bronze bolts set in lead expansion shields. Doors swing INWARD. No rabbet required in jambs.



**Vulcan Illustration No. 1301**

In this plan doors are shown lapping about one-half inch at each side and at top of jamb, the marble facing inside being carried close to edges of doors as shown, bronze threshold being provided at bottom. Pivotal hinges are applied to backs of doors at top and bottom, pivots riding on bronze pins secured to threshold at bottom and in bronze knees at top which are secured to inner face of lintel with bronze bolts set in lead expansion shields. Doors swing INWARD. No rabbet required in jambs.

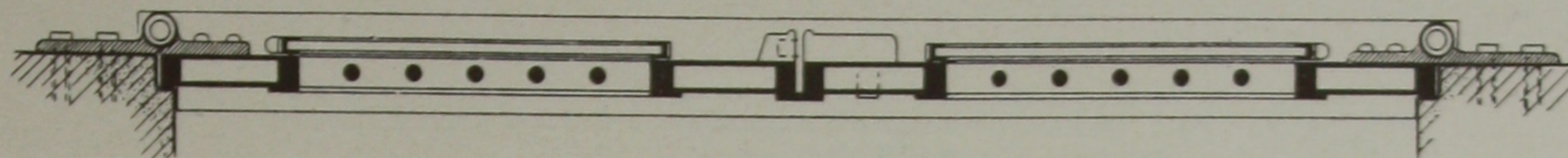


**Vulcan Illustration No. 1302**

In this plan doors are shown lapping about one-half inch at each side and at top of jamb, carried on four heavy strap hinges on back of doors, the wall-plates of hinges attaching to inner face of jambs with bronze bolts set in lead expansion shields. Bronze threshold at bottom. Doors swing INWARD. No rabbet required in jambs.

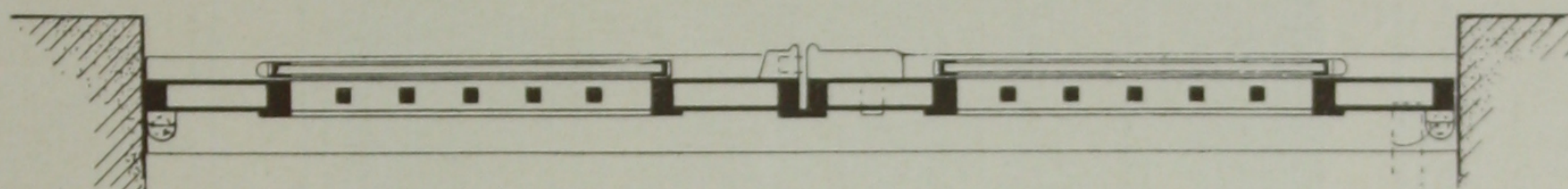
In using this setting, if jambs are built in several courses, advise us measurements center to center of the several courses so hinges can be placed to avoid joints.





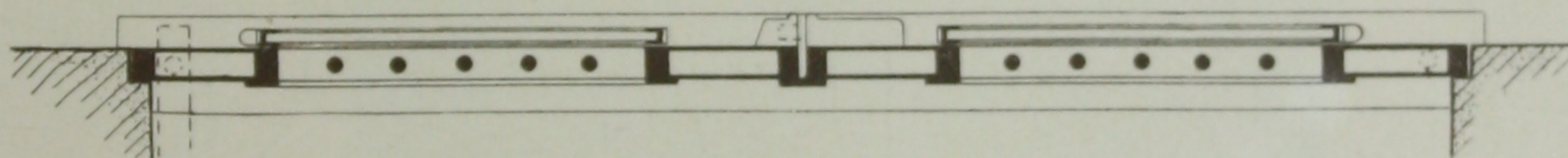
**Vulcan Illustration No. 1303**

In this plan doors are shown setting in rabbet, the size of the rabbet depending on the thickness of the doors. Two heavy strap hinges are securely attached to the back of each door, the wall-plates of hinges being secured to the inner face of jambs with bronze bolts set in lead expansion shields. Bronze threshold at bottom. Doors swing INWARD.



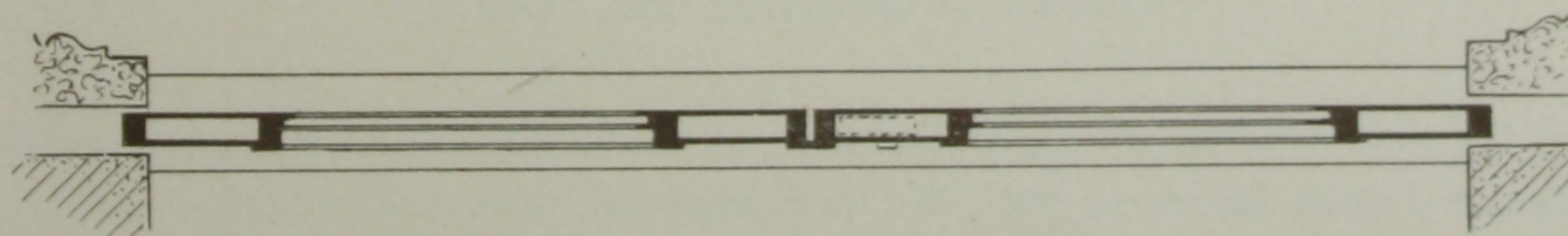
**Vulcan Illustration No. 1304**

In this plan doors are shown setting in opening and swinging OUTWARD, pivotal hinges being applied to face of doors, riding on bronze pins in threshold at bottom and in bronze plates set in soffit at top.



**Vulcan Illustration No. 1305**

In this plan doors are shown setting in rabbet, rabbet being cut at sides only, and opening OUTWARD. At bottom doors ride on bronze pins set in threshold and at top in bronze knees secured to lintel with bronze bolts set in lead expansion shields.

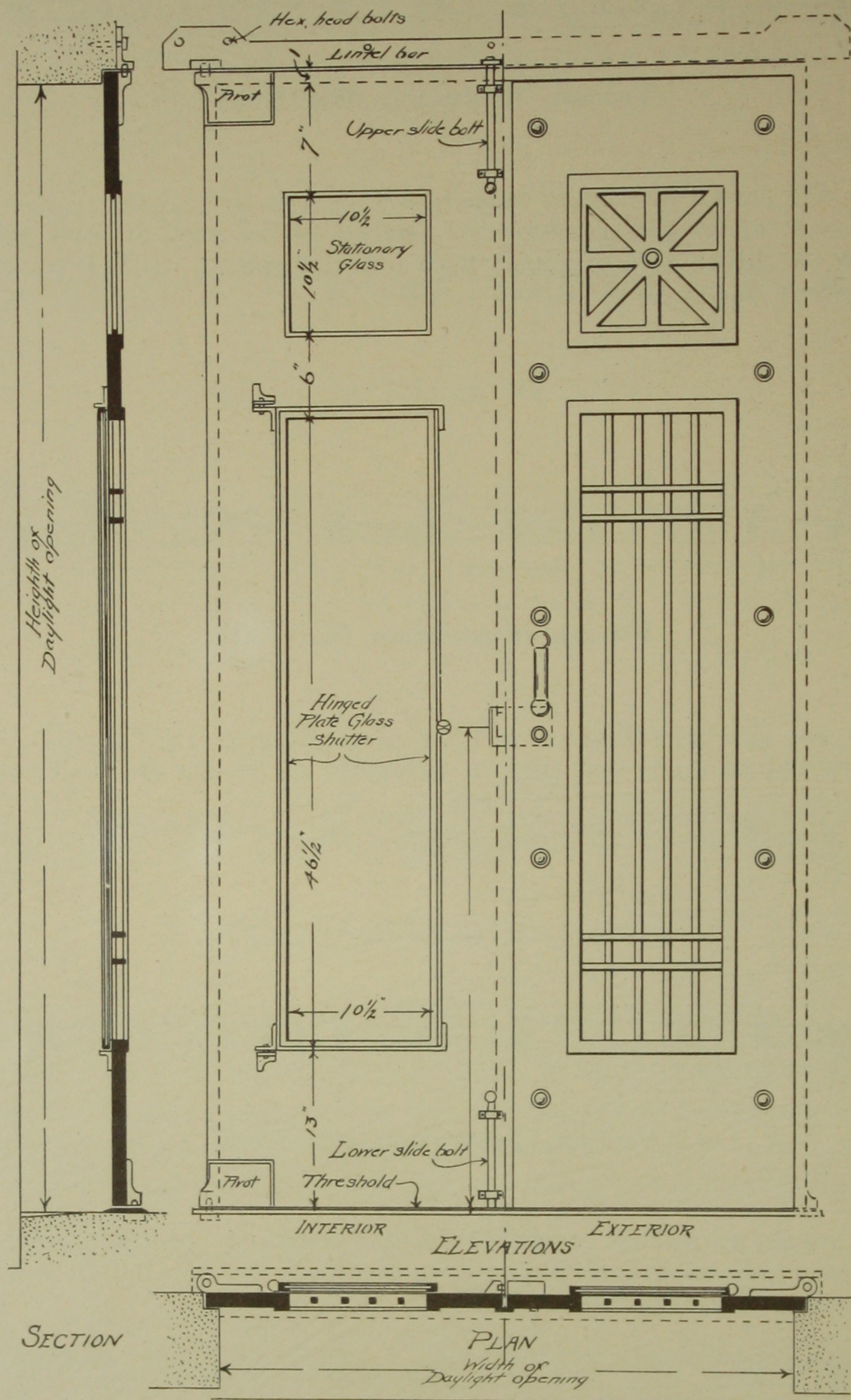


**Vulcan Illustration No. 1306**

In this plan doors are shown setting in opening and made to slide on track into pockets left in stone work. Track and hangers at top. Threshold at bottom. This method of setting is used where doors cannot swing inward and preferred not to swing outward.



**STANDARD BRONZE DOORS FOR MAUSOLEUMS**



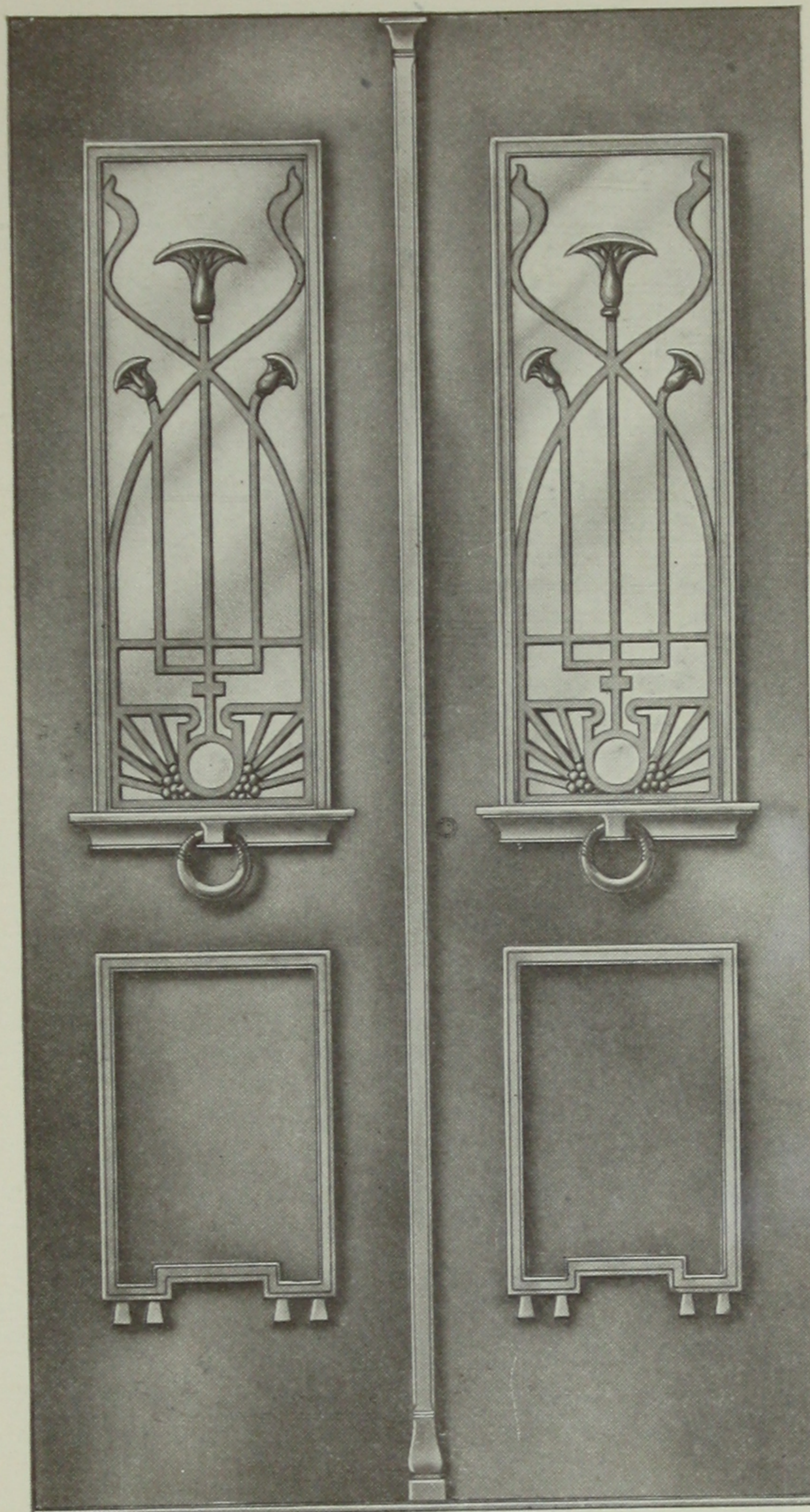
**Vulcan Illustration No. 1307**

We here show a Typical Sketch of Shop Details we invariably submit to buyers for approval when an order for Mausoleum Doors issues to us. We call especial attention to the fact that in the actual blue prints we send you the Sectional Views are shown in FULL SIZE. The *actual-size* views make clear and explicit the proportions and positions of all parts engaging the stone work so that the expansion-bolting to stone is taken in hand with the utmost confidence, and mistakes in setting are just about impossible.

When, in your opinion, these full details will aid you in making a sale we will be most glad to send them in advance of any agreement between us.



**STANDARD BRONZE DOORS FOR MAUSOLEUMS**

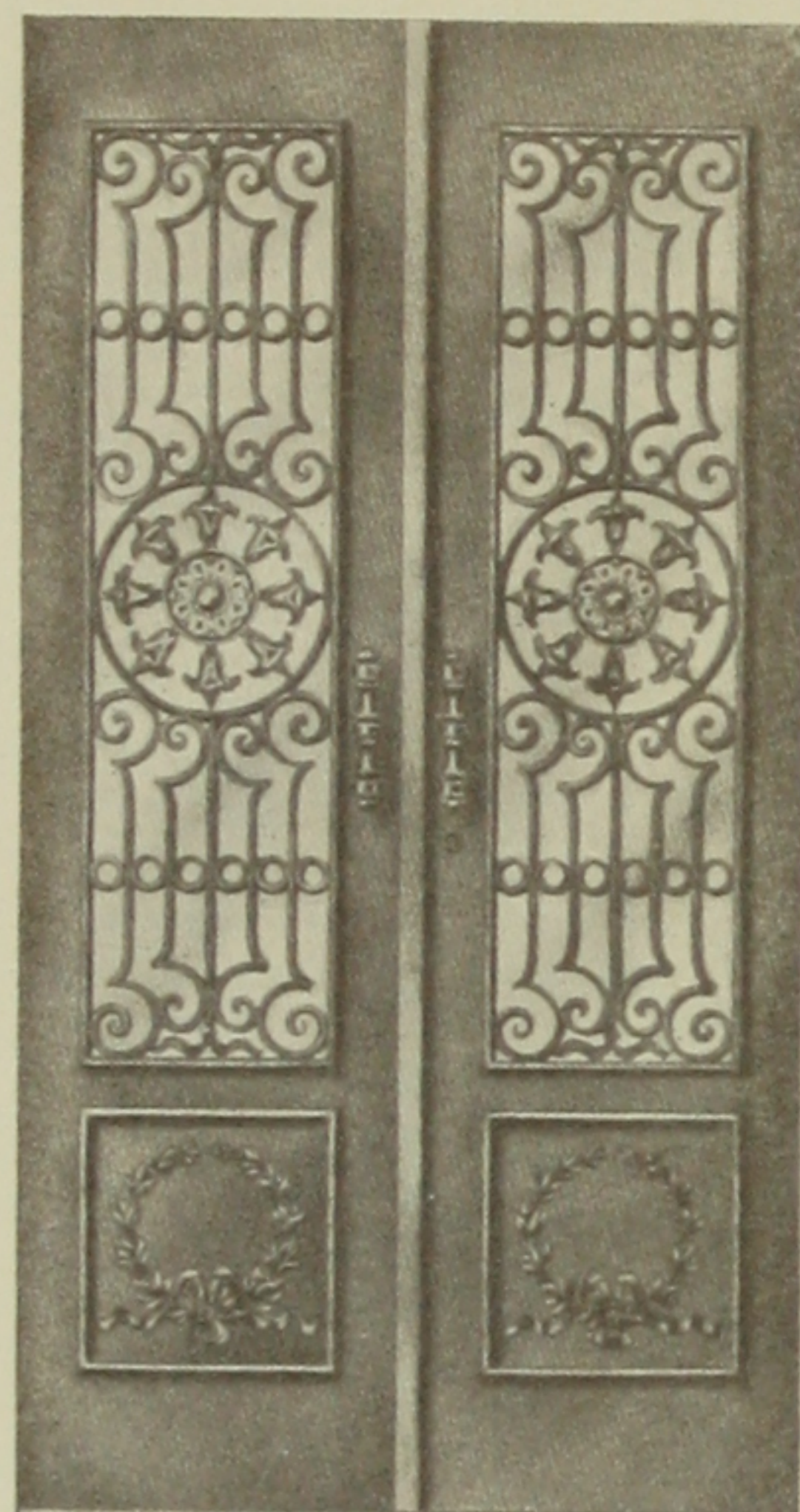


**Vulcan Illustration No. 1308**

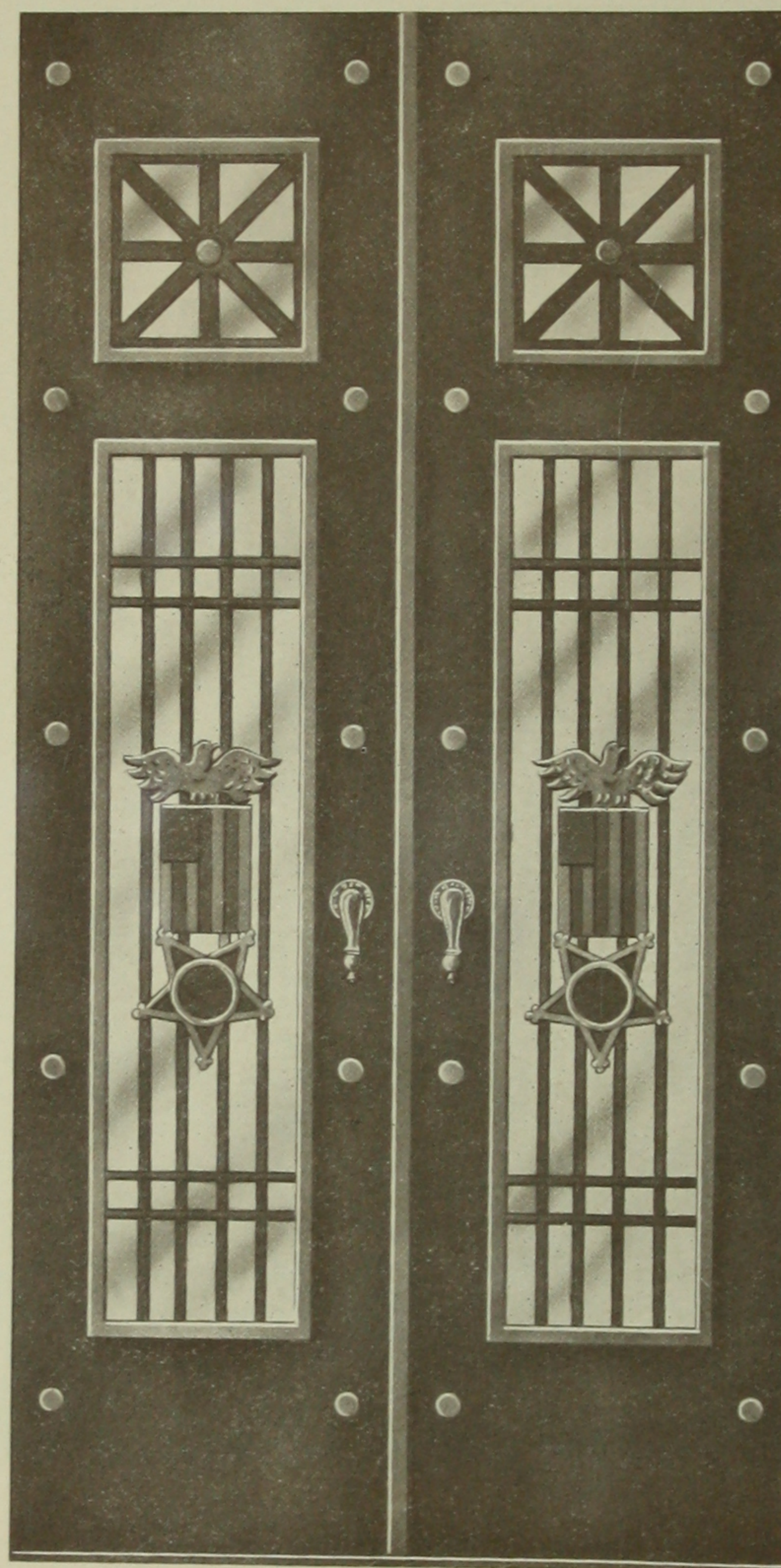
**IN WRITING** concerning MAUSOLEUM DOORS please review our suggestions on page three under title of "CORRESPONDING." The information we request will enable us to make a definite proposal at once, and save you and ourselves annoying delay.



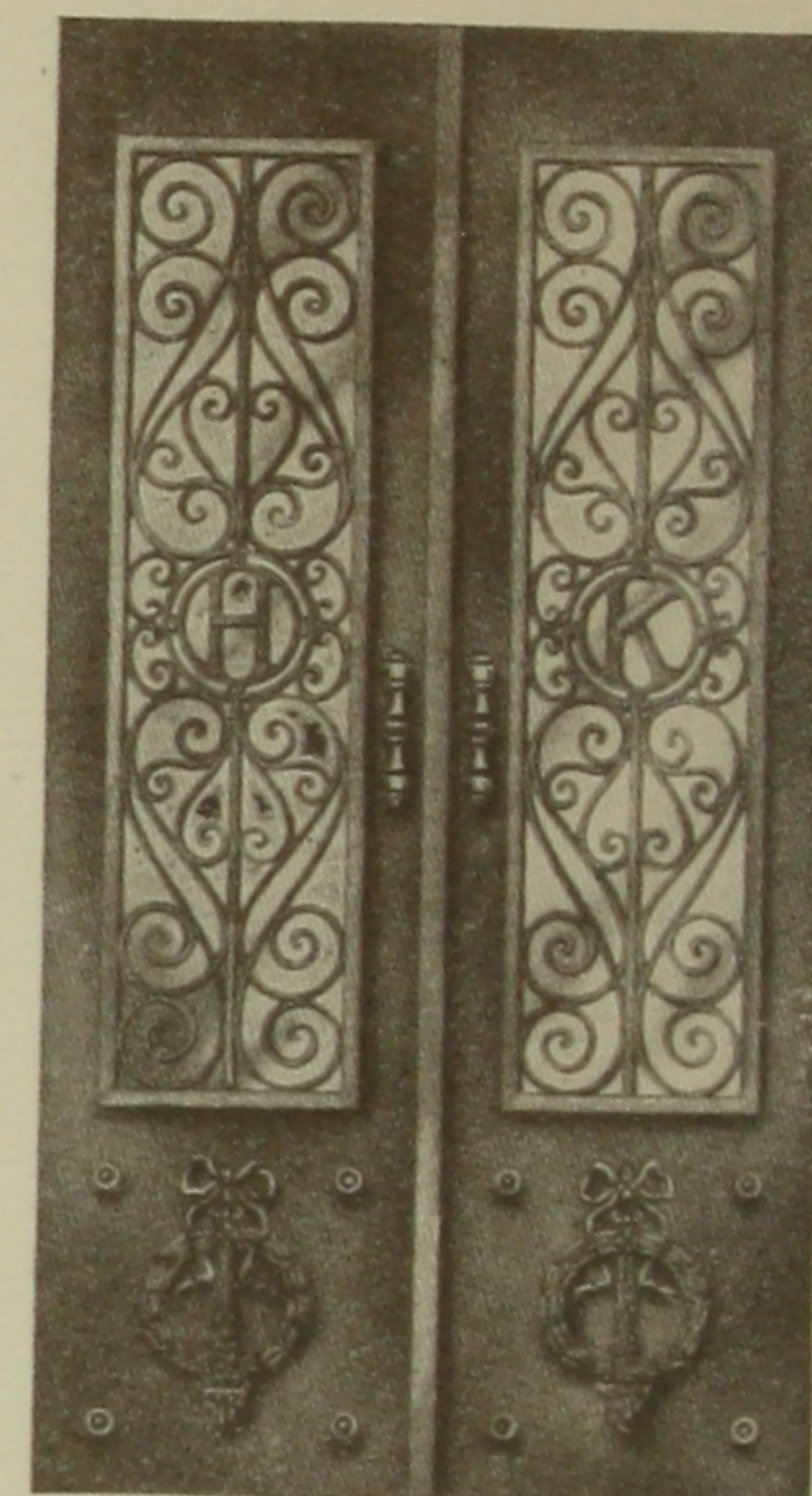
STANDARD BRONZE DOORS FOR MAUSOLEUMS



**Vulcan  
Illustration  
No. 1309**



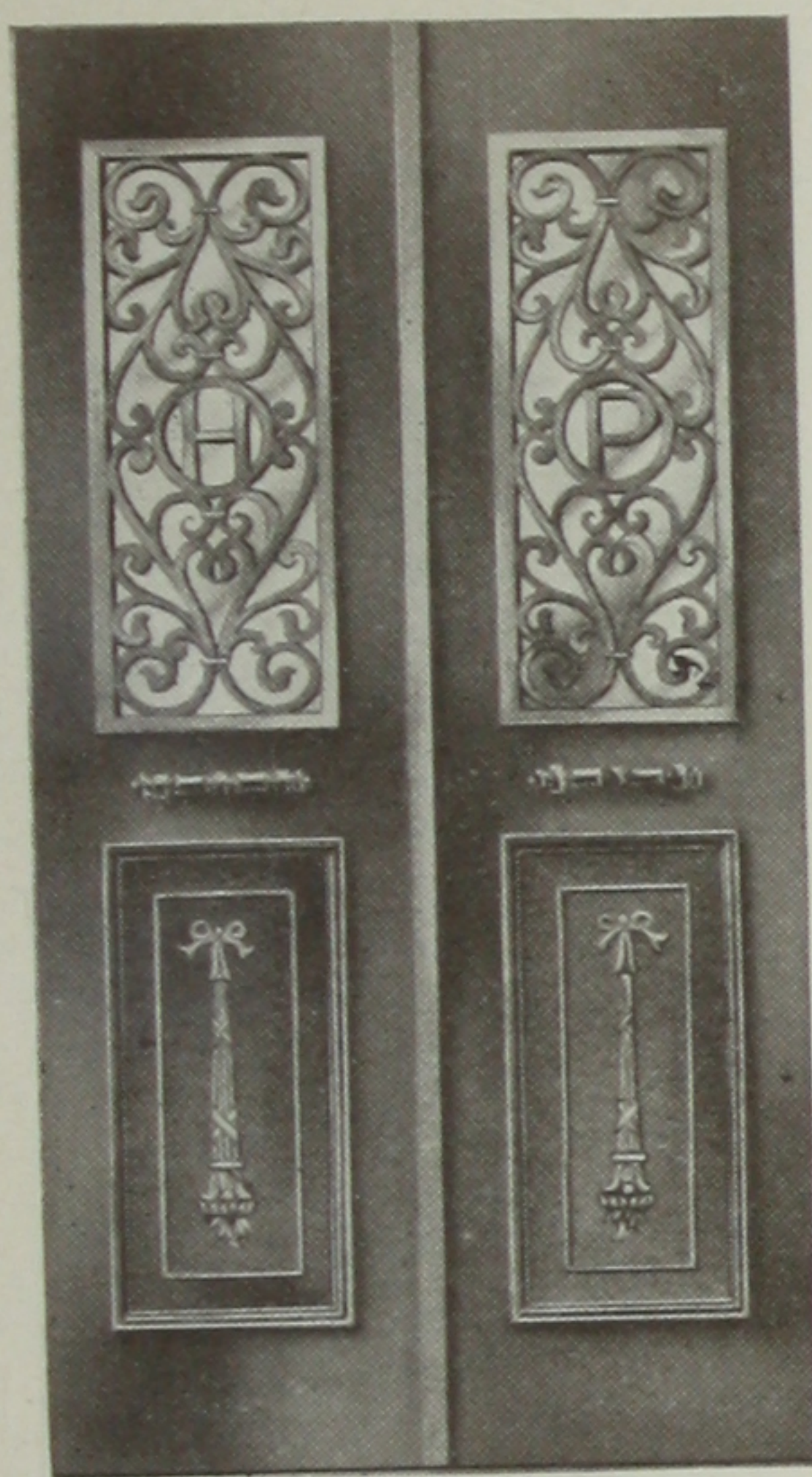
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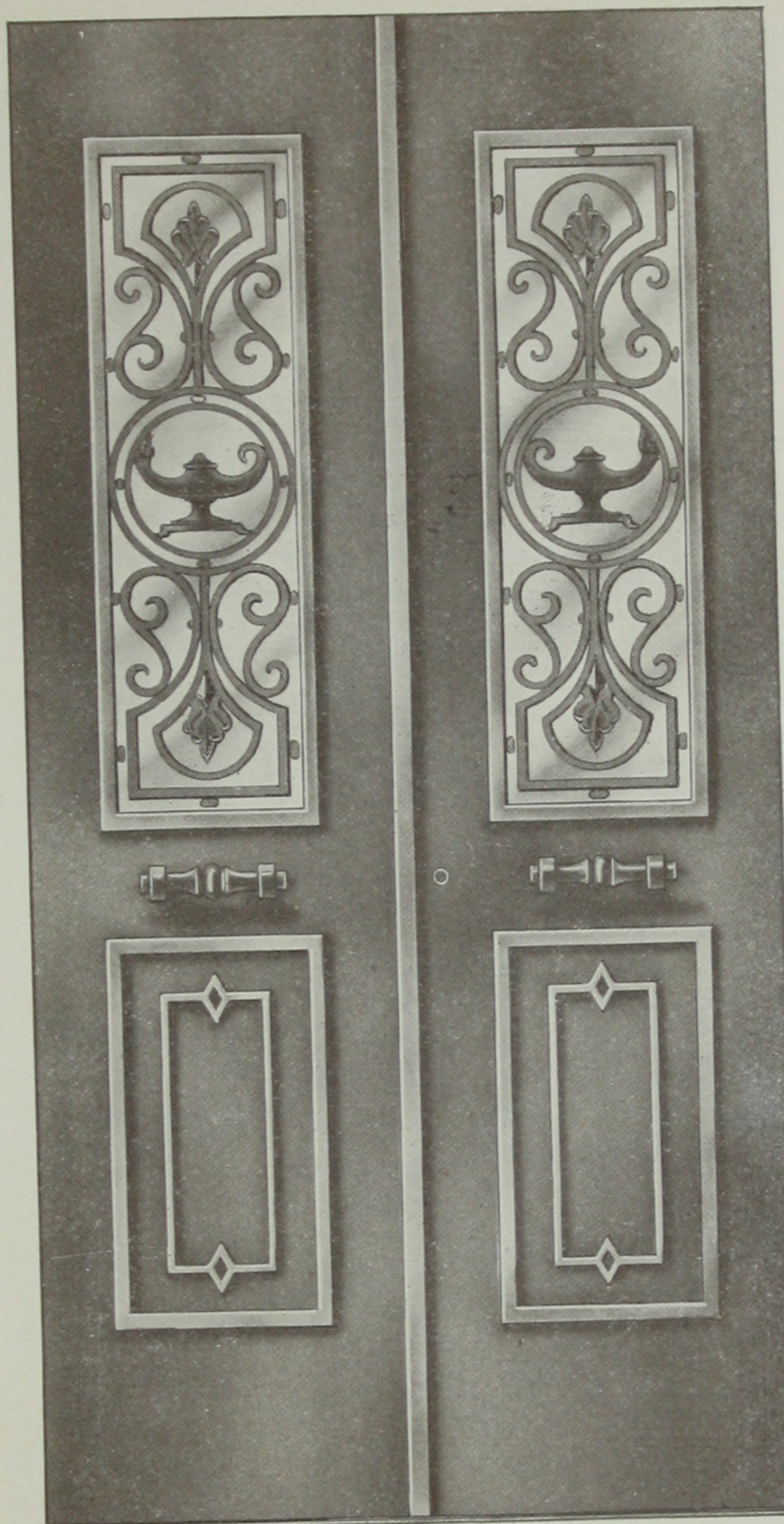
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Illustration  
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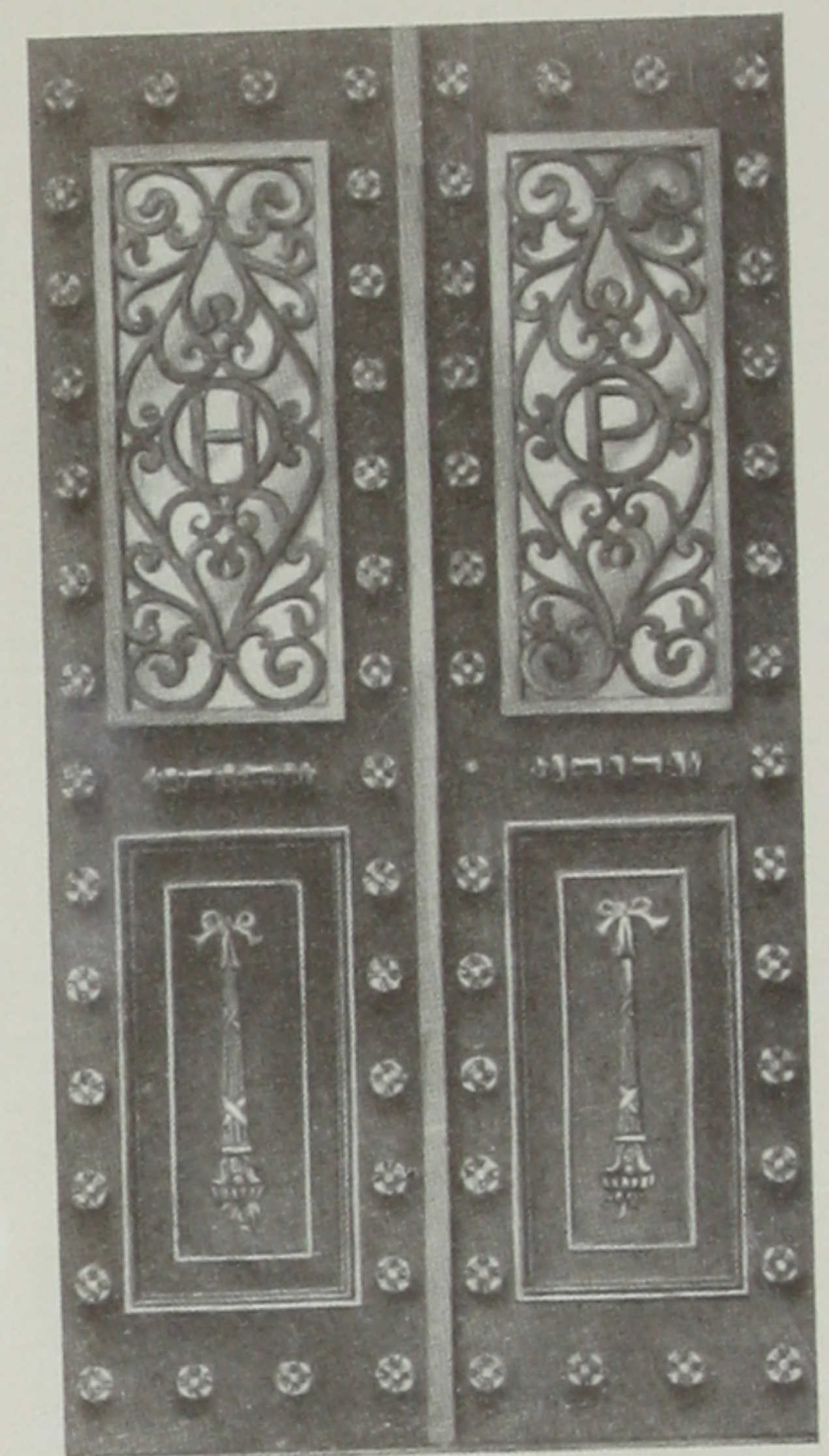
STANDARD BRONZE DOORS FOR MAUSOLEUMS



**Vulcan  
Illustration  
No. 1312**



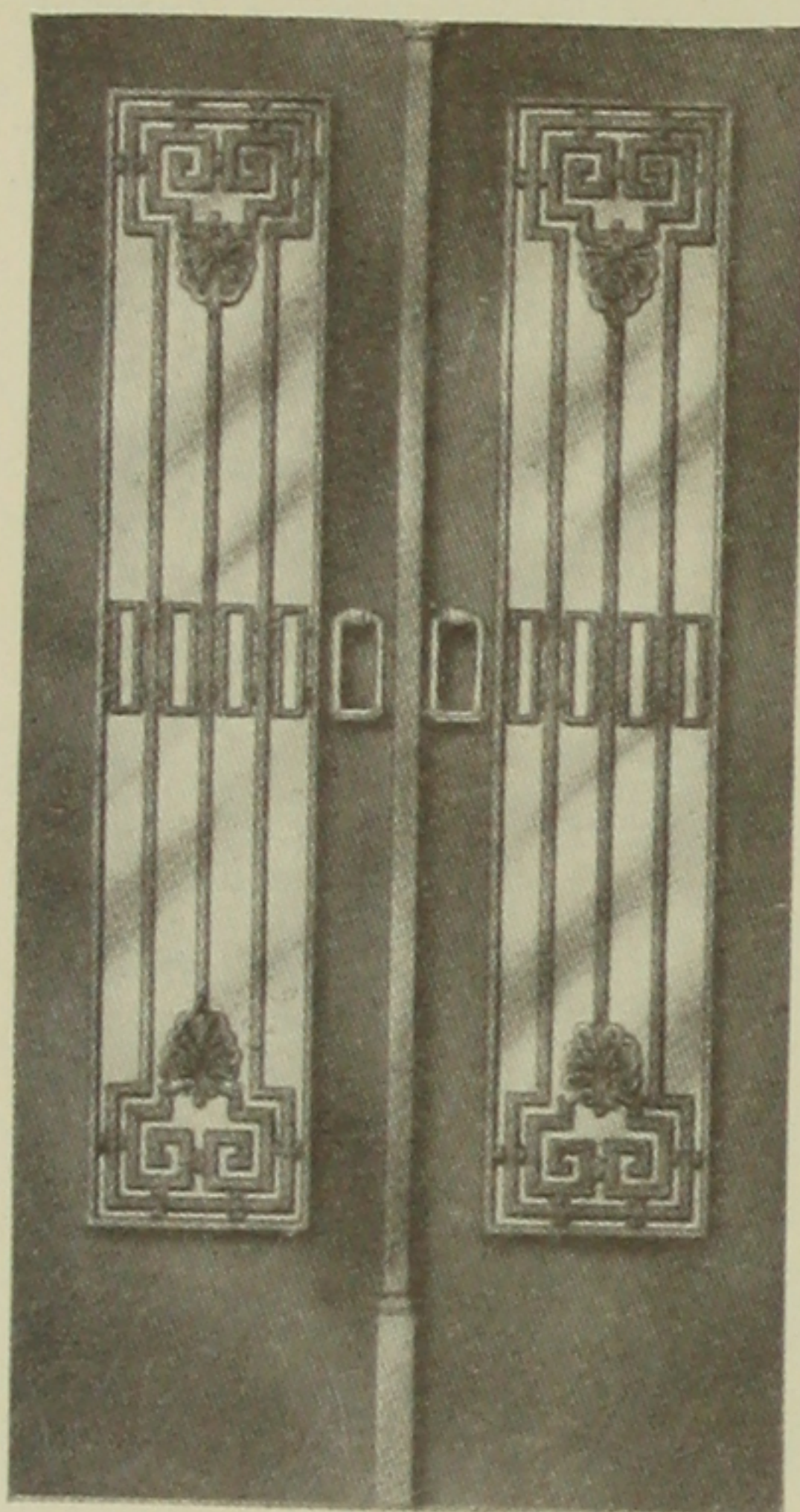
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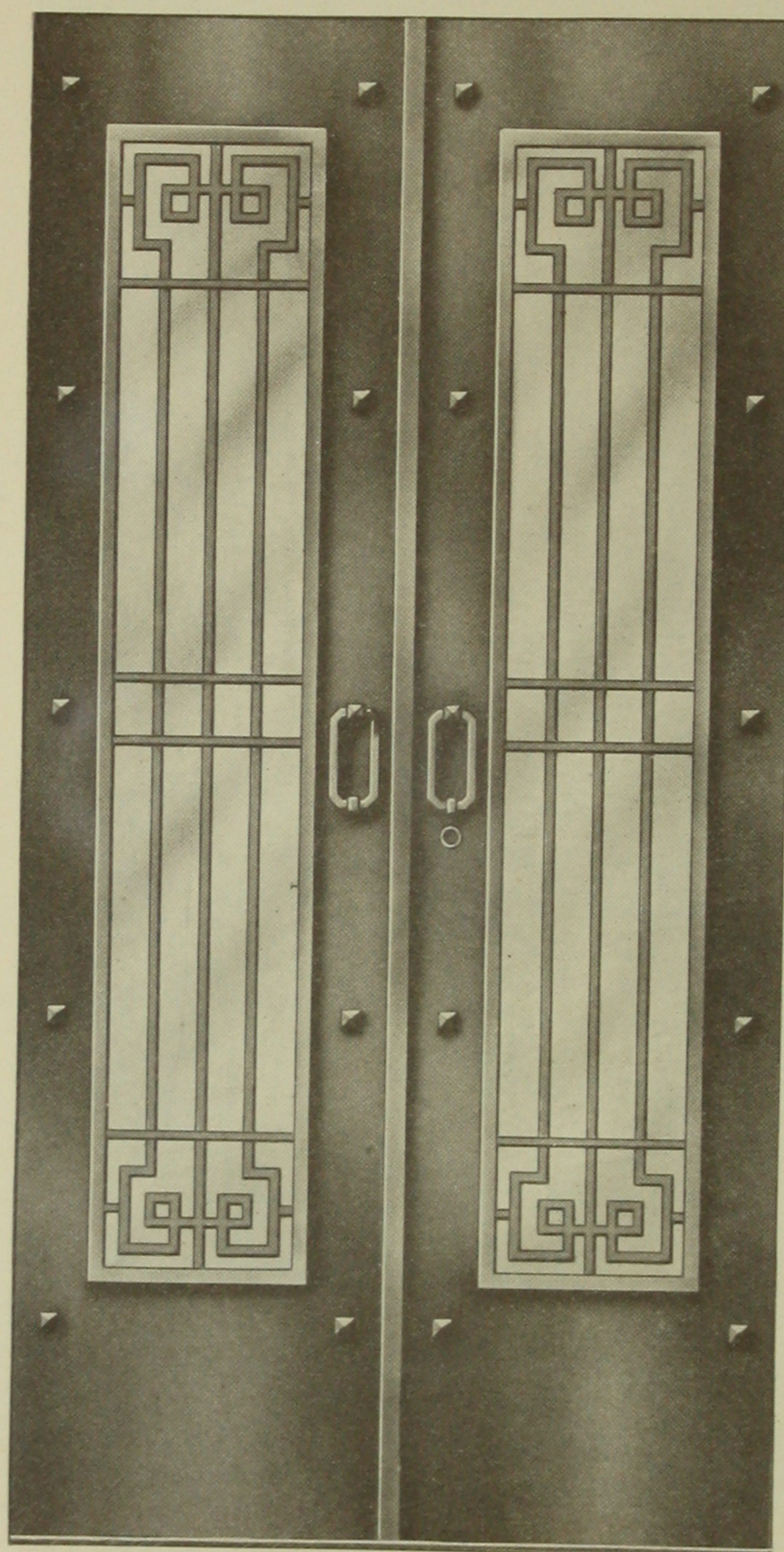
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Illustration  
No. 1314**



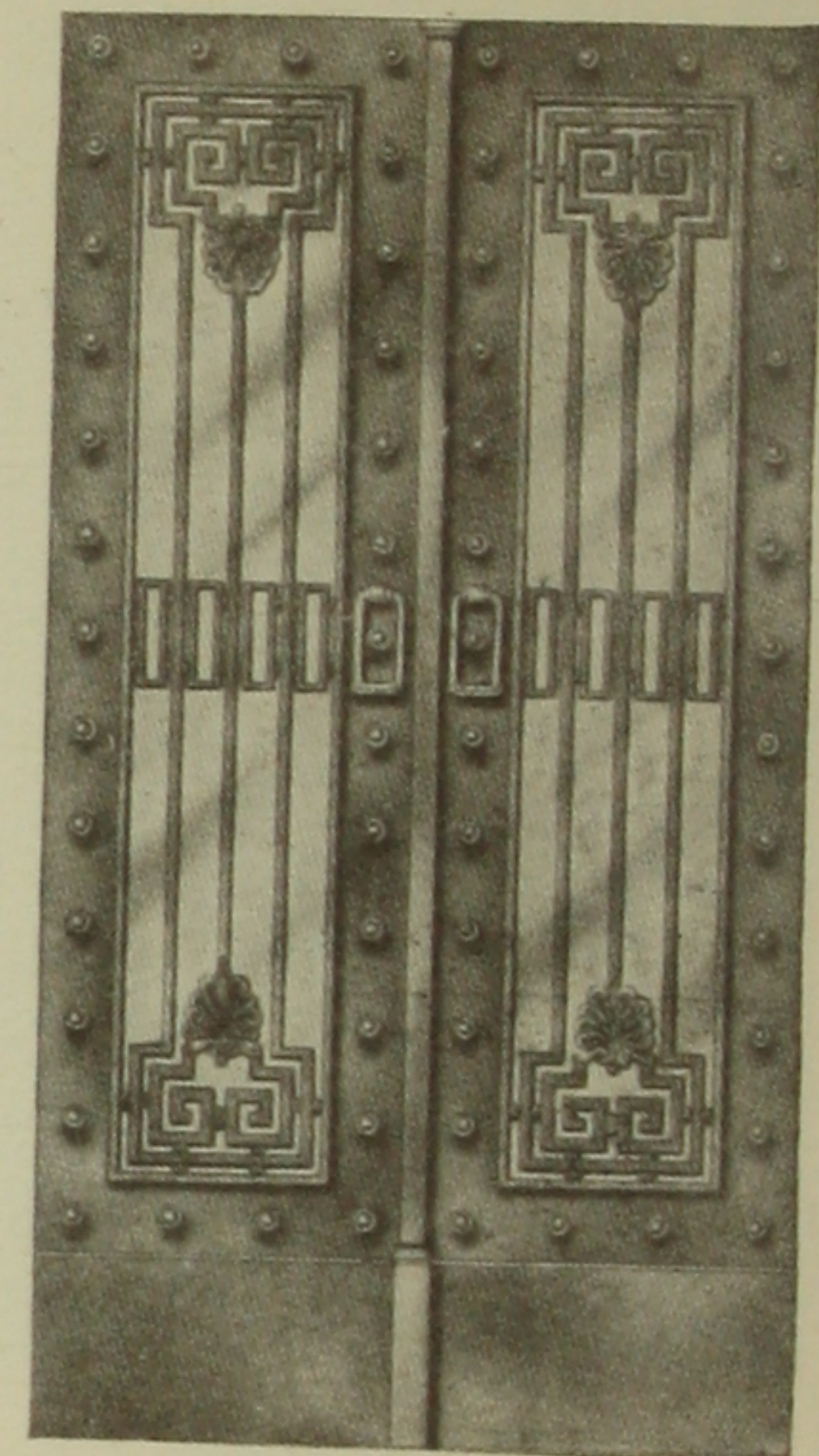
STANDARD BRONZE DOORS FOR MAUSOLEUMS



Vulcan  
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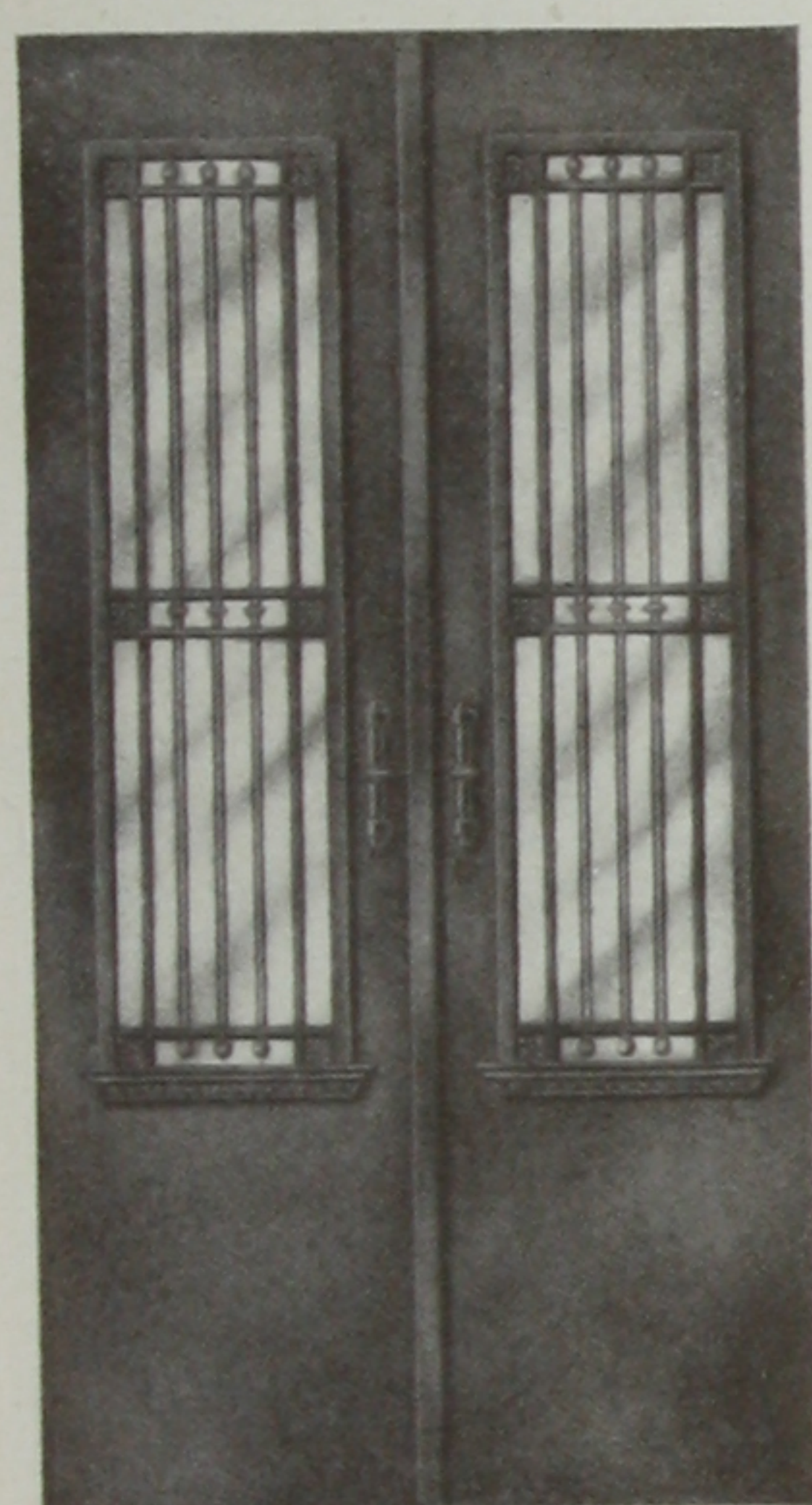
Vulcan Illustration No. 1316



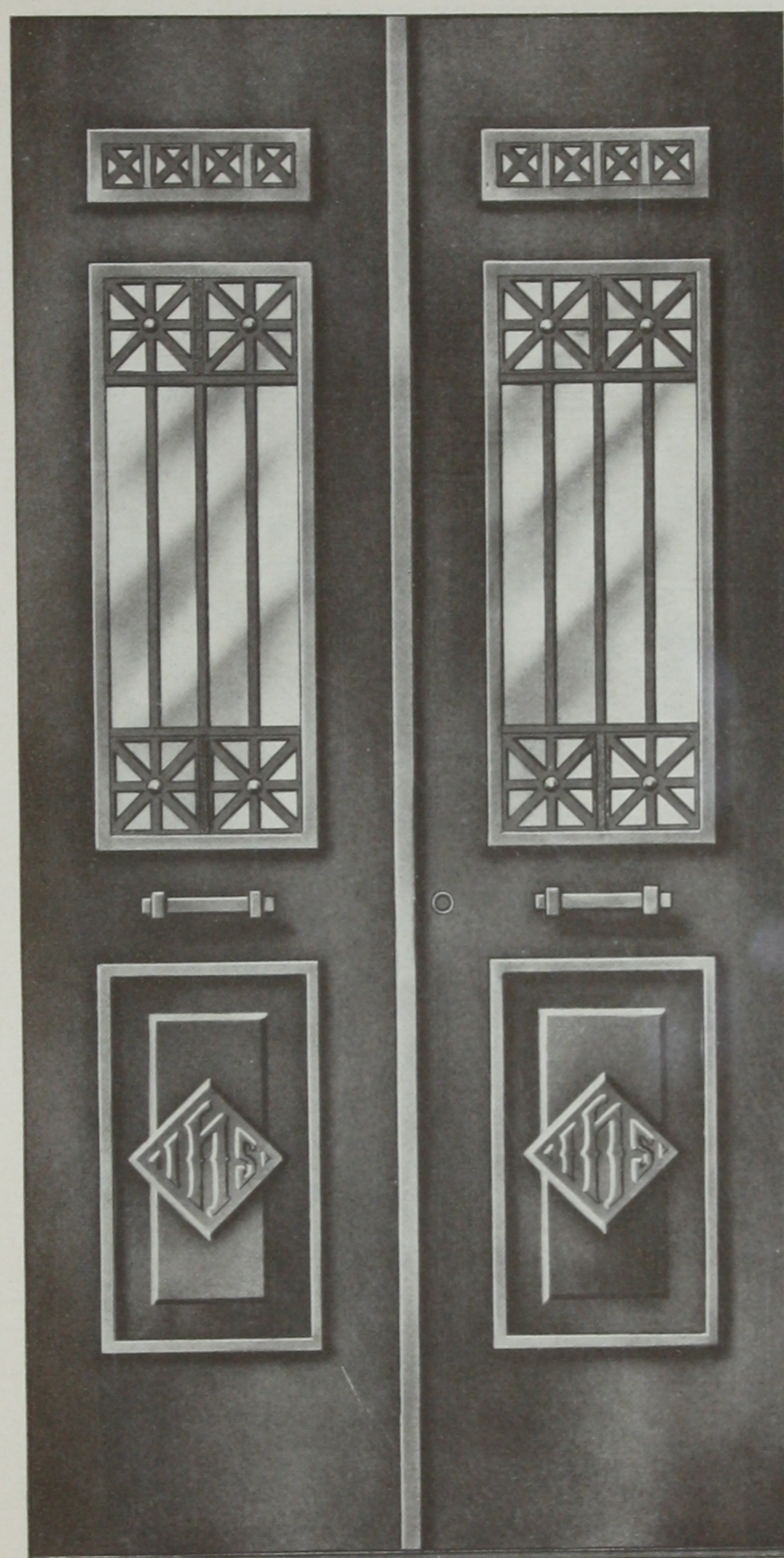
Vulcan  
Illustration  
No. 1317



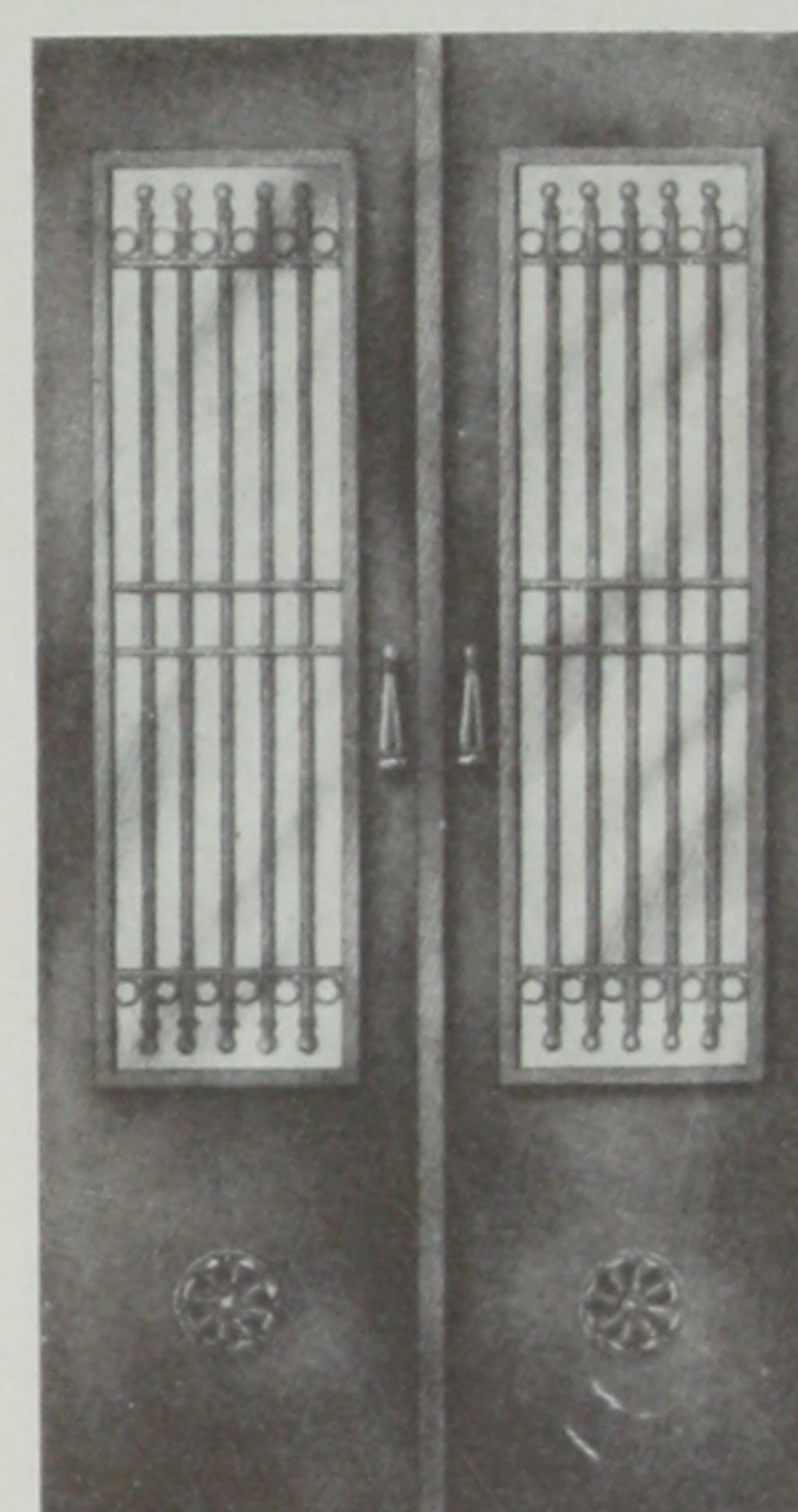
STANDARD BRONZE DOORS FOR MAUSOLEUMS



Vulcan  
Illustration  
No. 1318



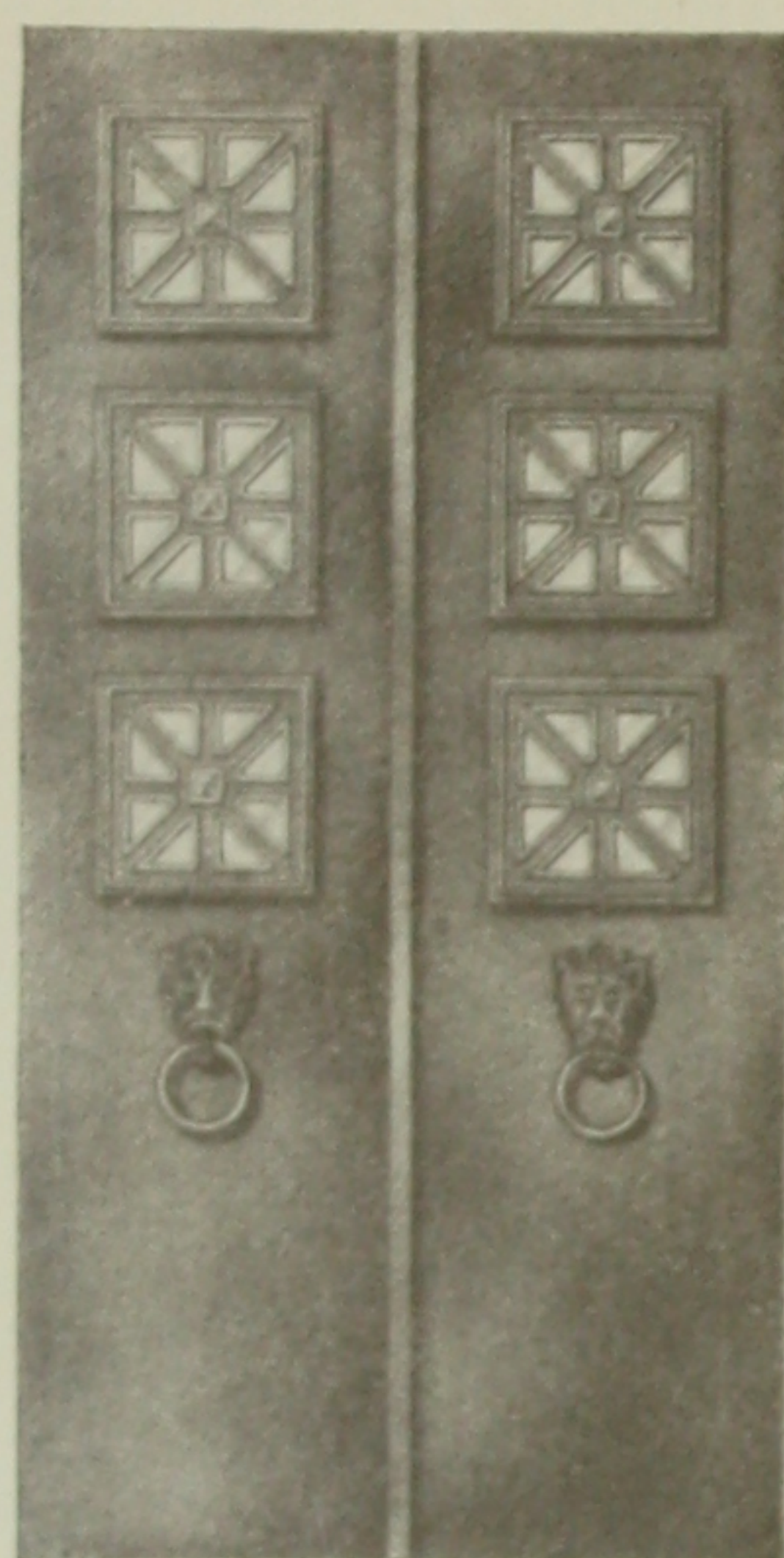
Vulcan Illustration No. 1319



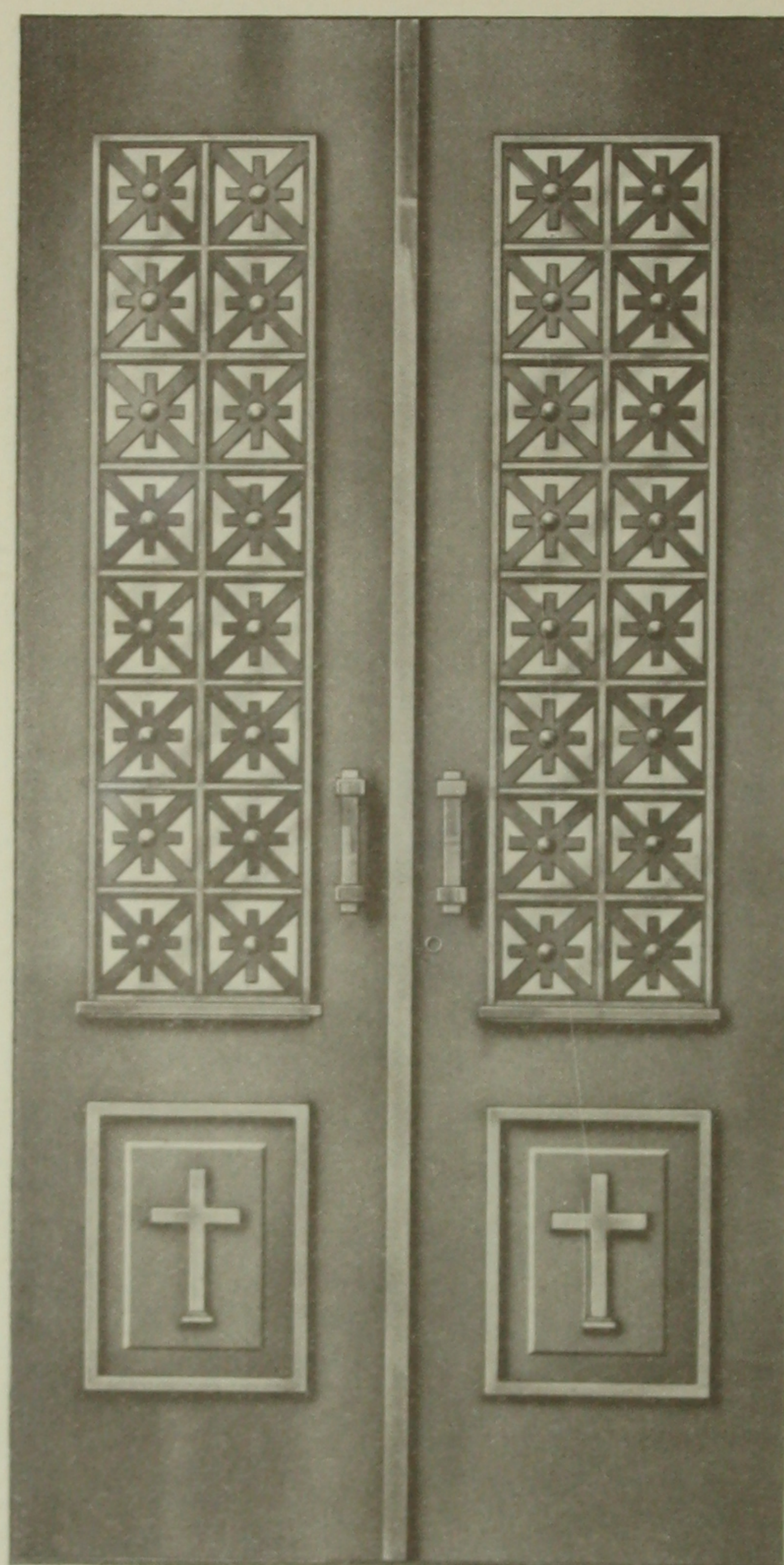
Vulcan  
Illustration  
No. 1320



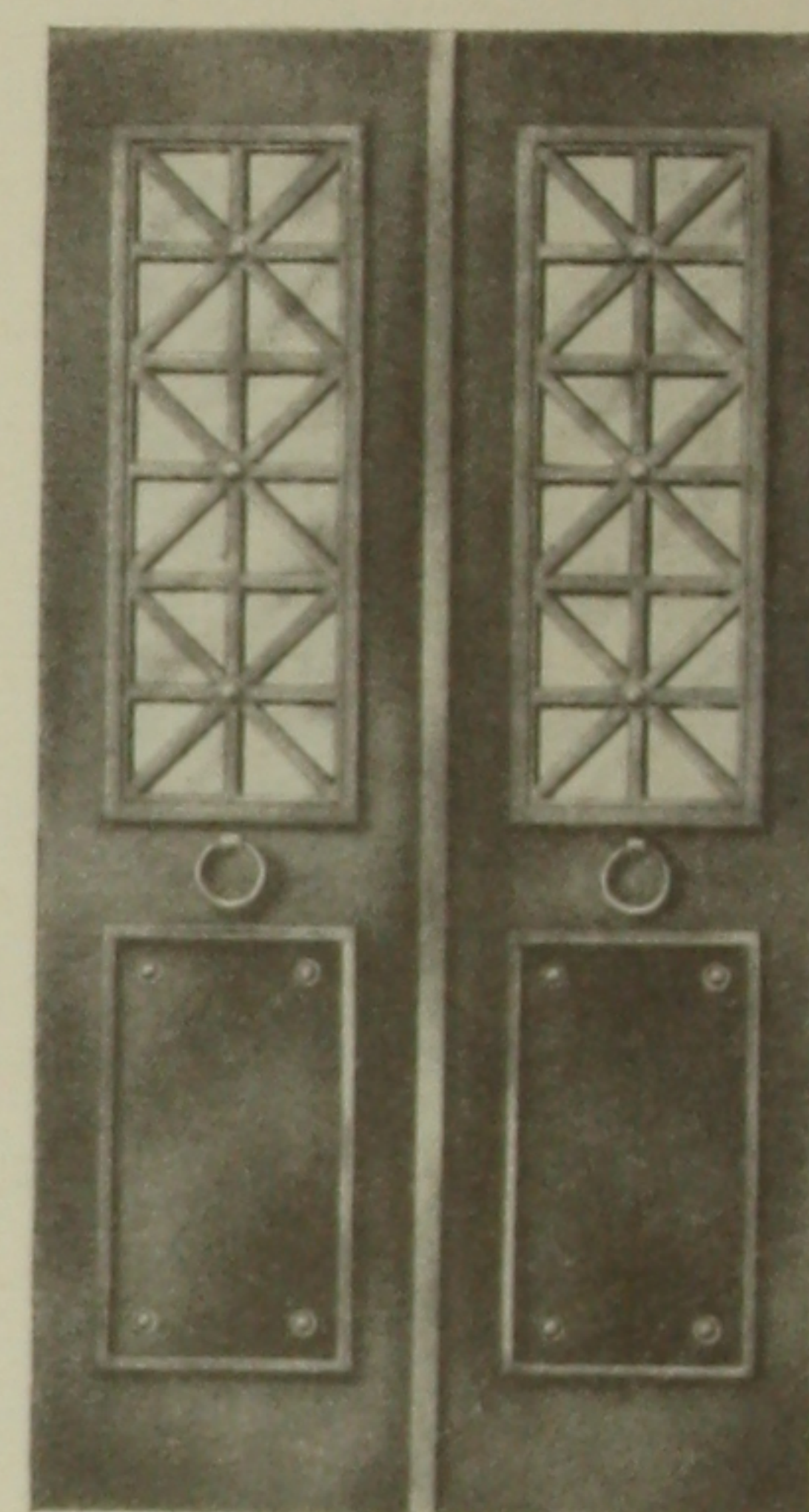
STANDARD BRONZE DOORS FOR MAUSOLEUMS



Vulcan  
Illustration  
No. 1321



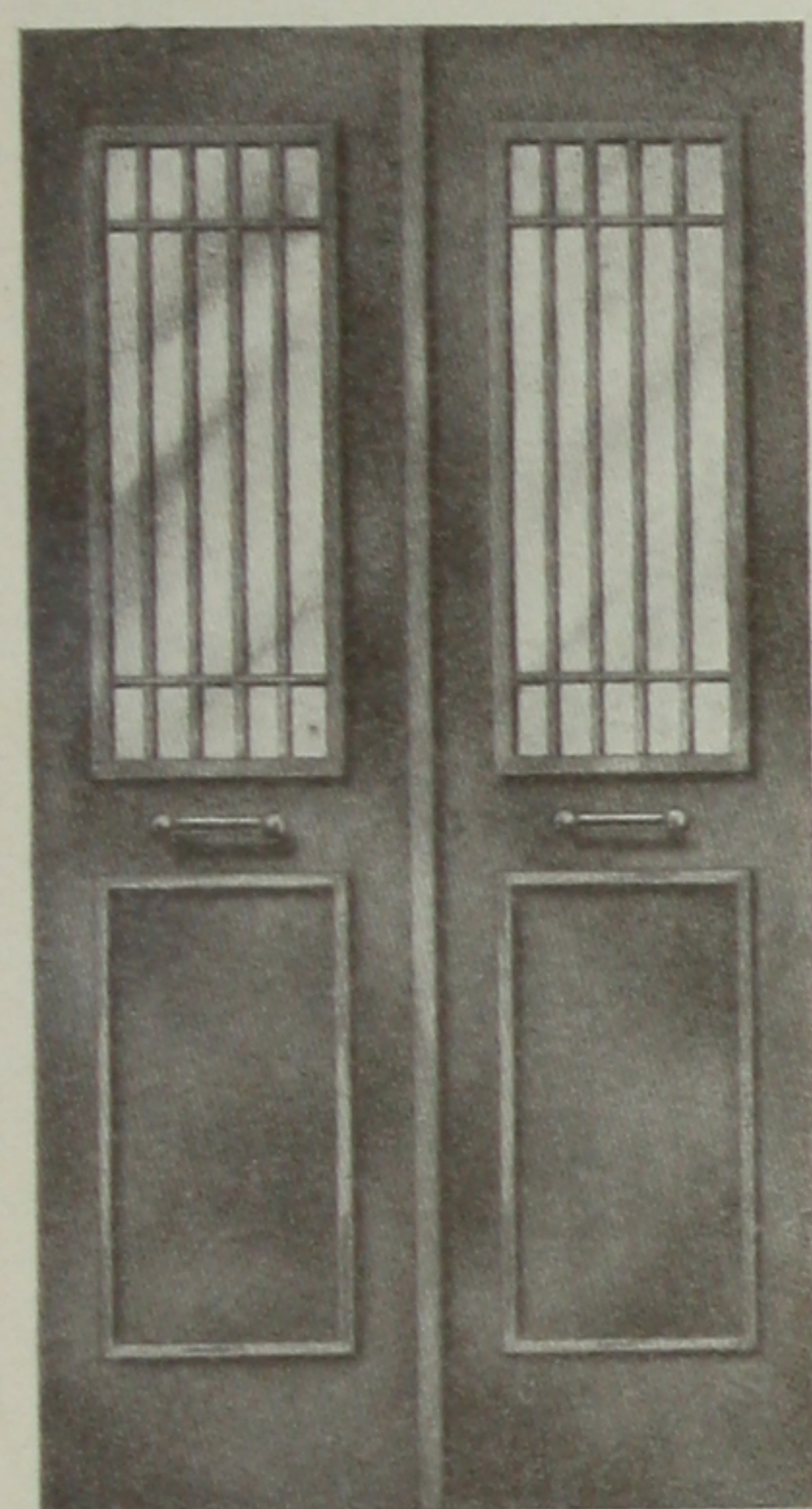
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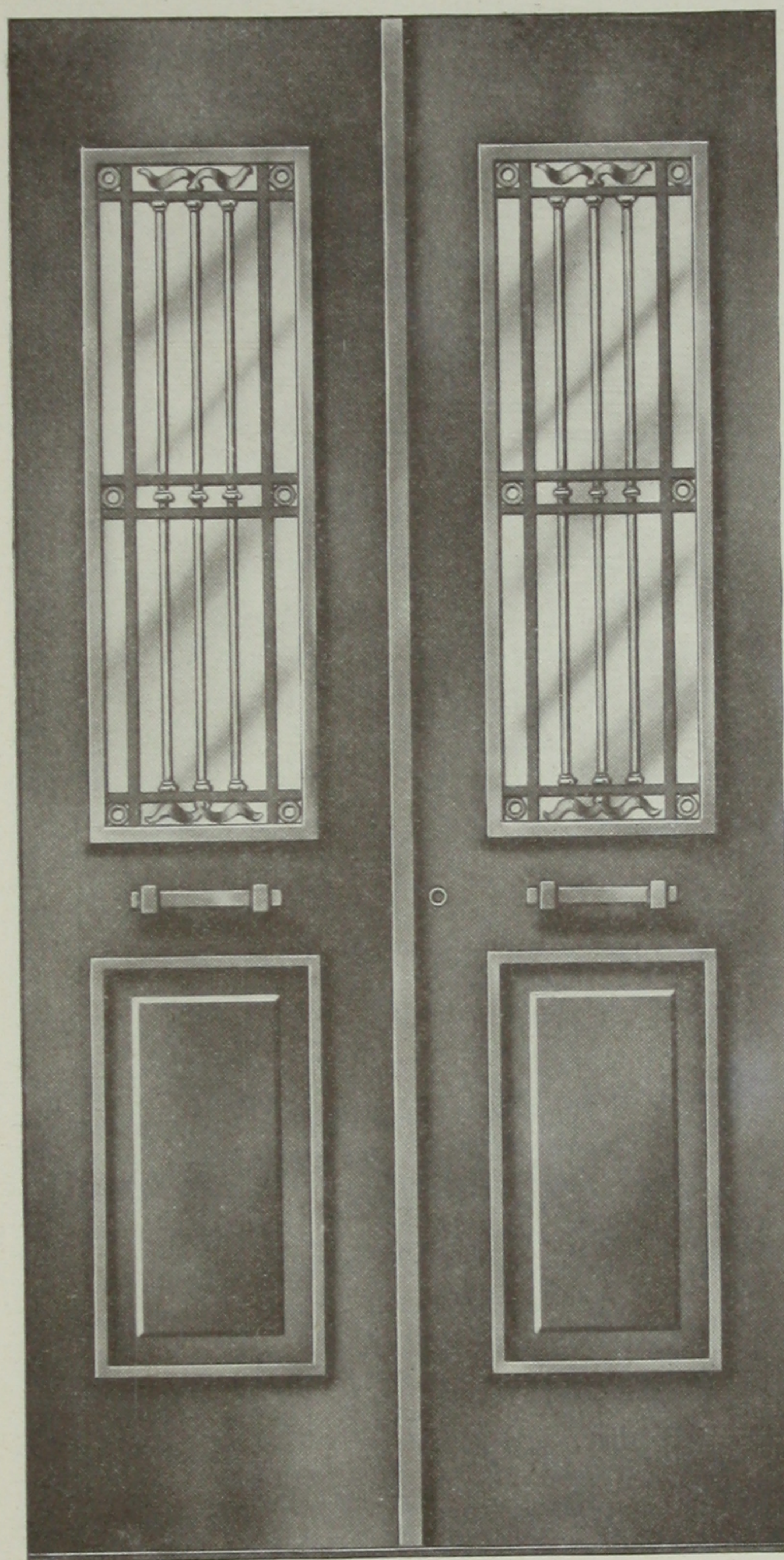
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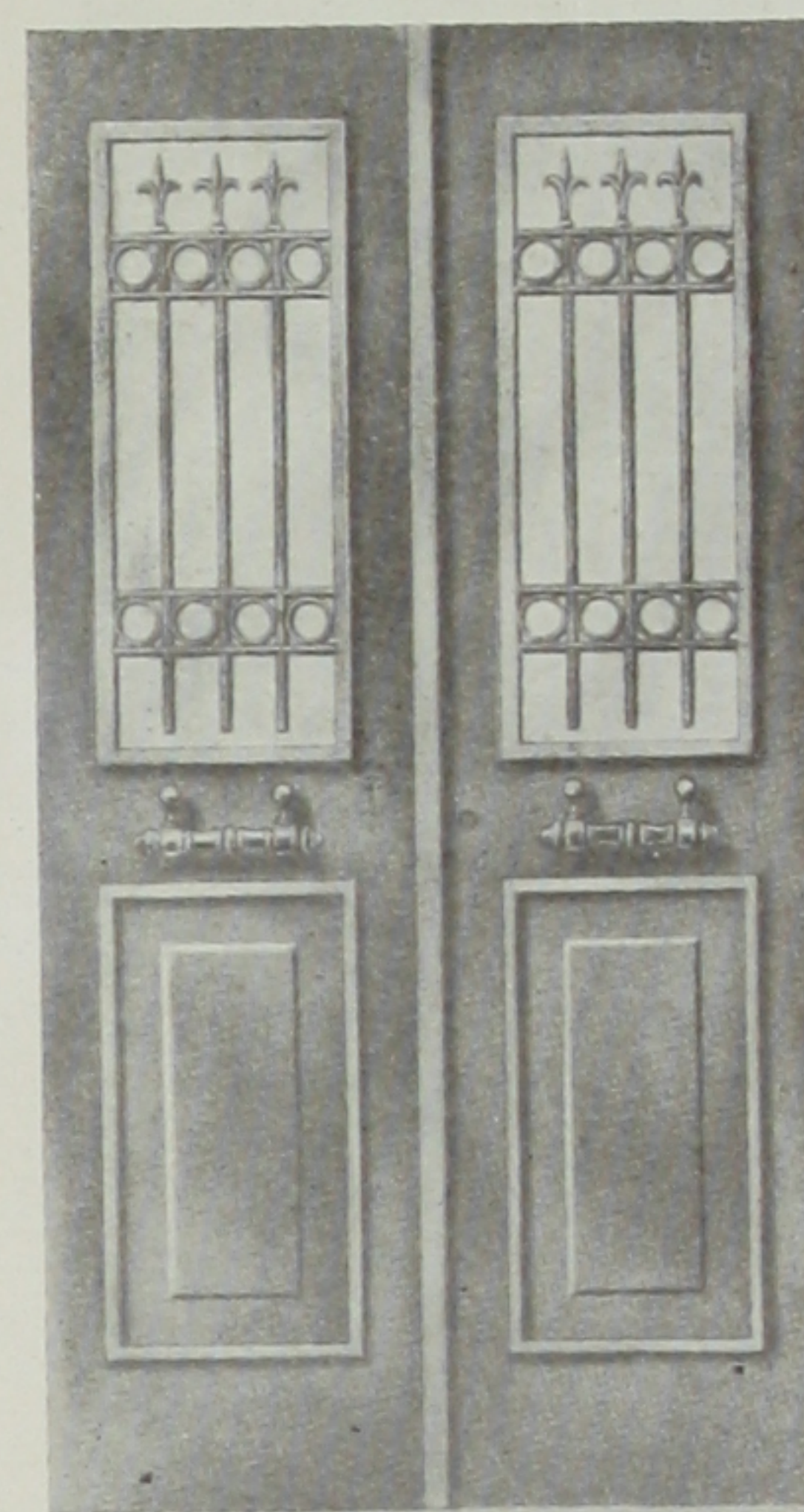
**STANDARD BRONZE DOORS FOR MAUSOLEUMS**



**Vulcan  
Illustration  
No. 1324**



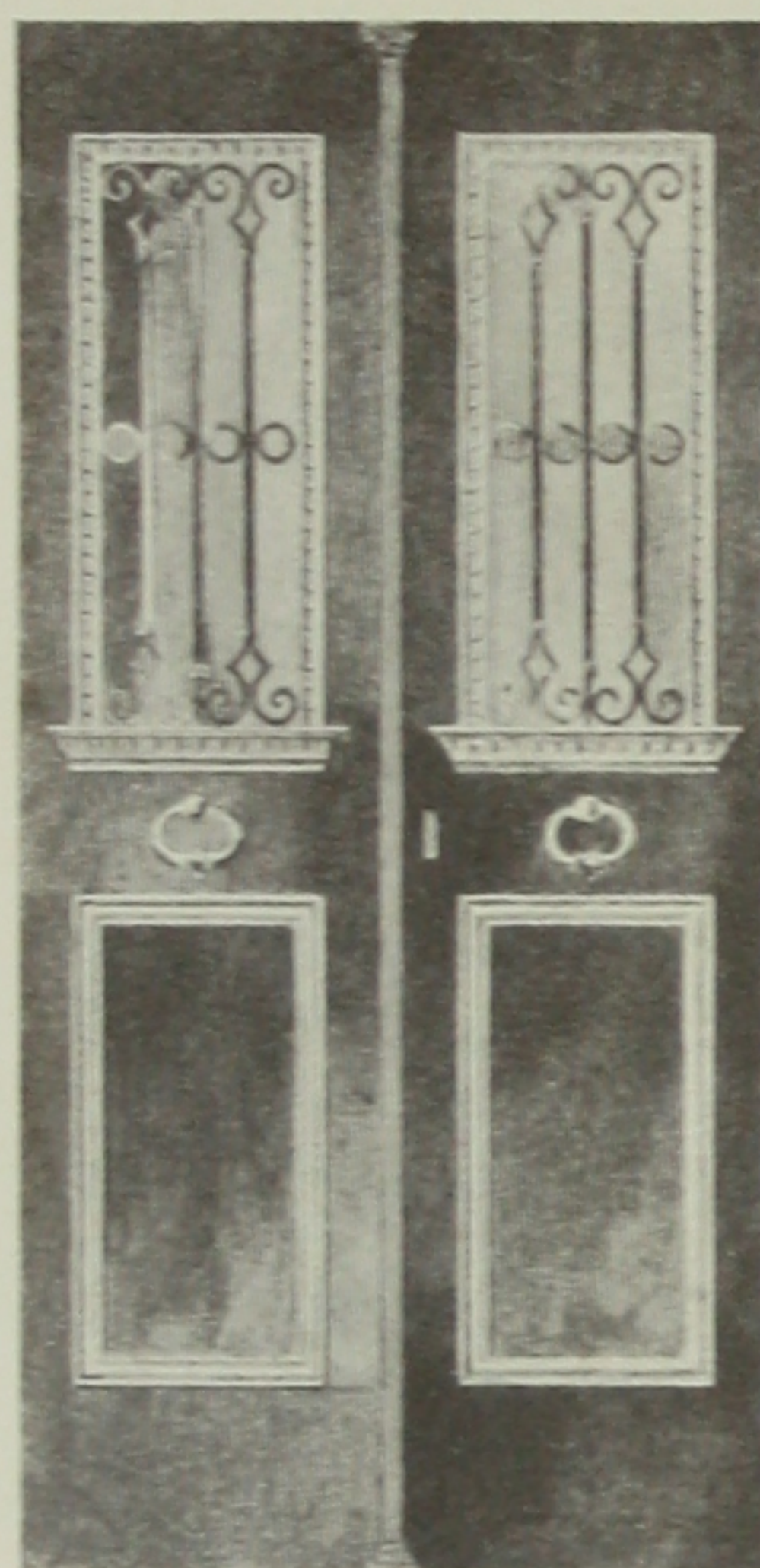
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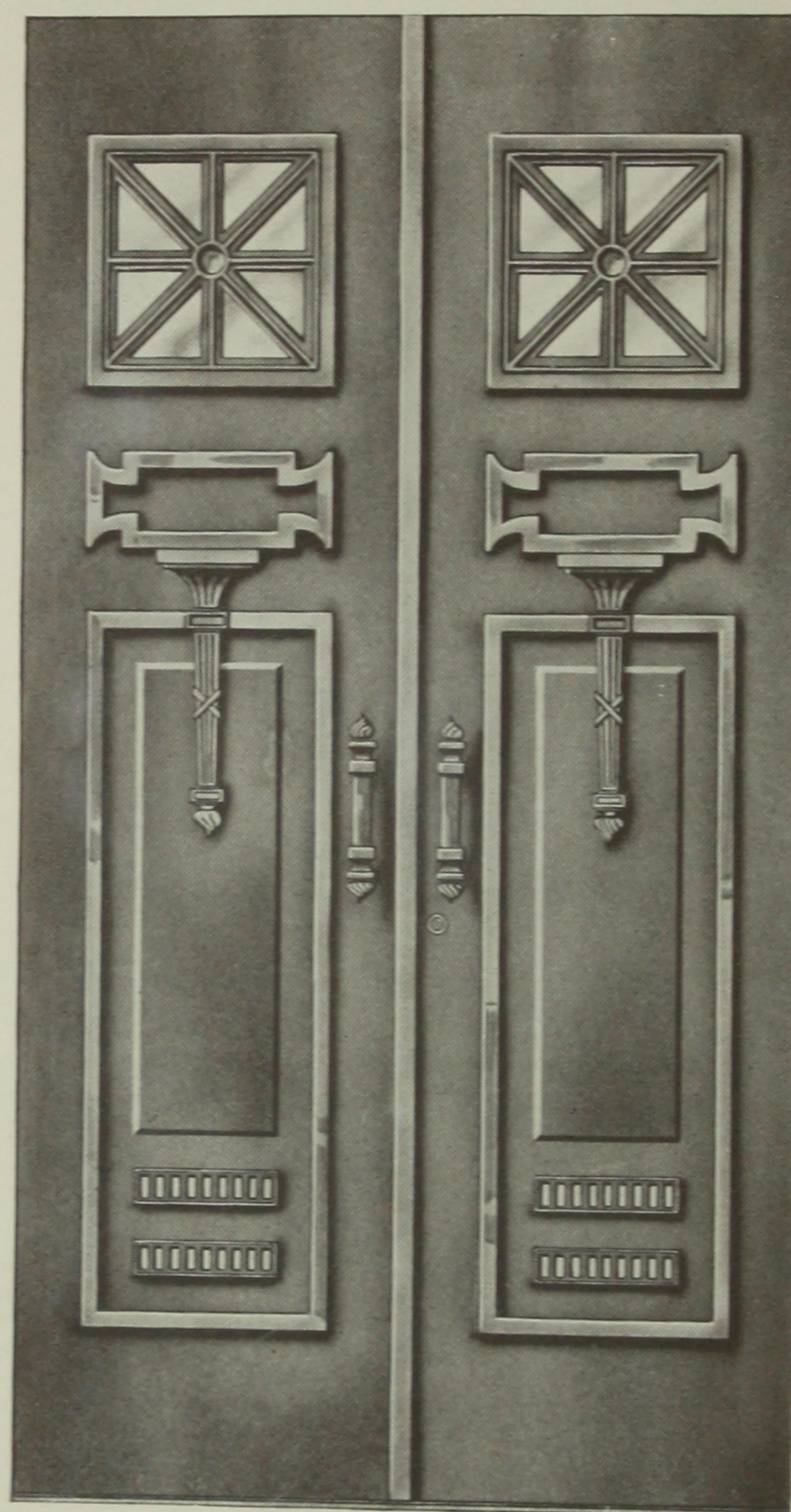
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Illustration  
No. 1326**



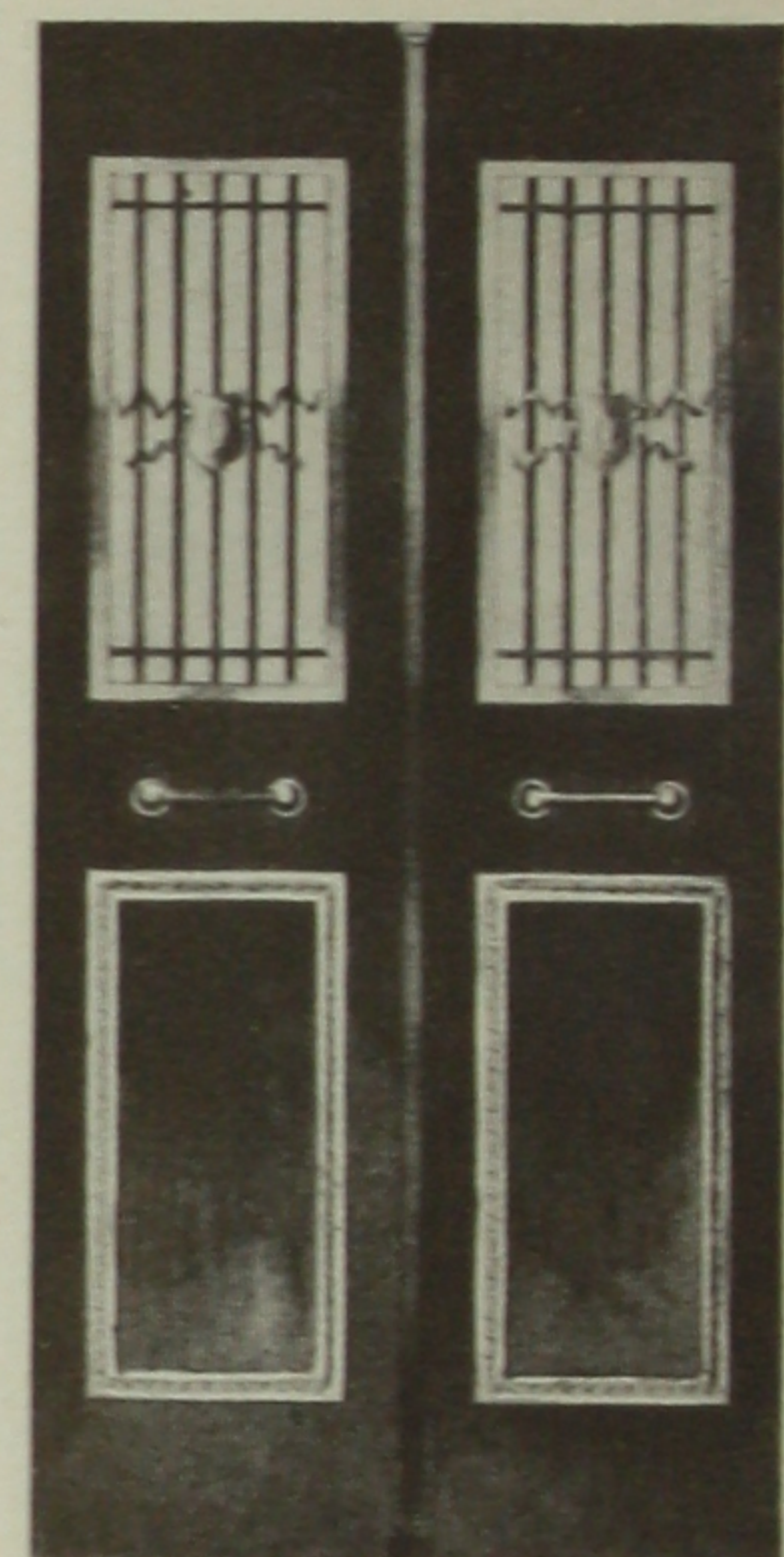
STANDARD BRONZE DOORS FOR MAUSOLEUMS



Vulcan  
Illustration  
No. 1327



Vulcan Illustration No. 1328



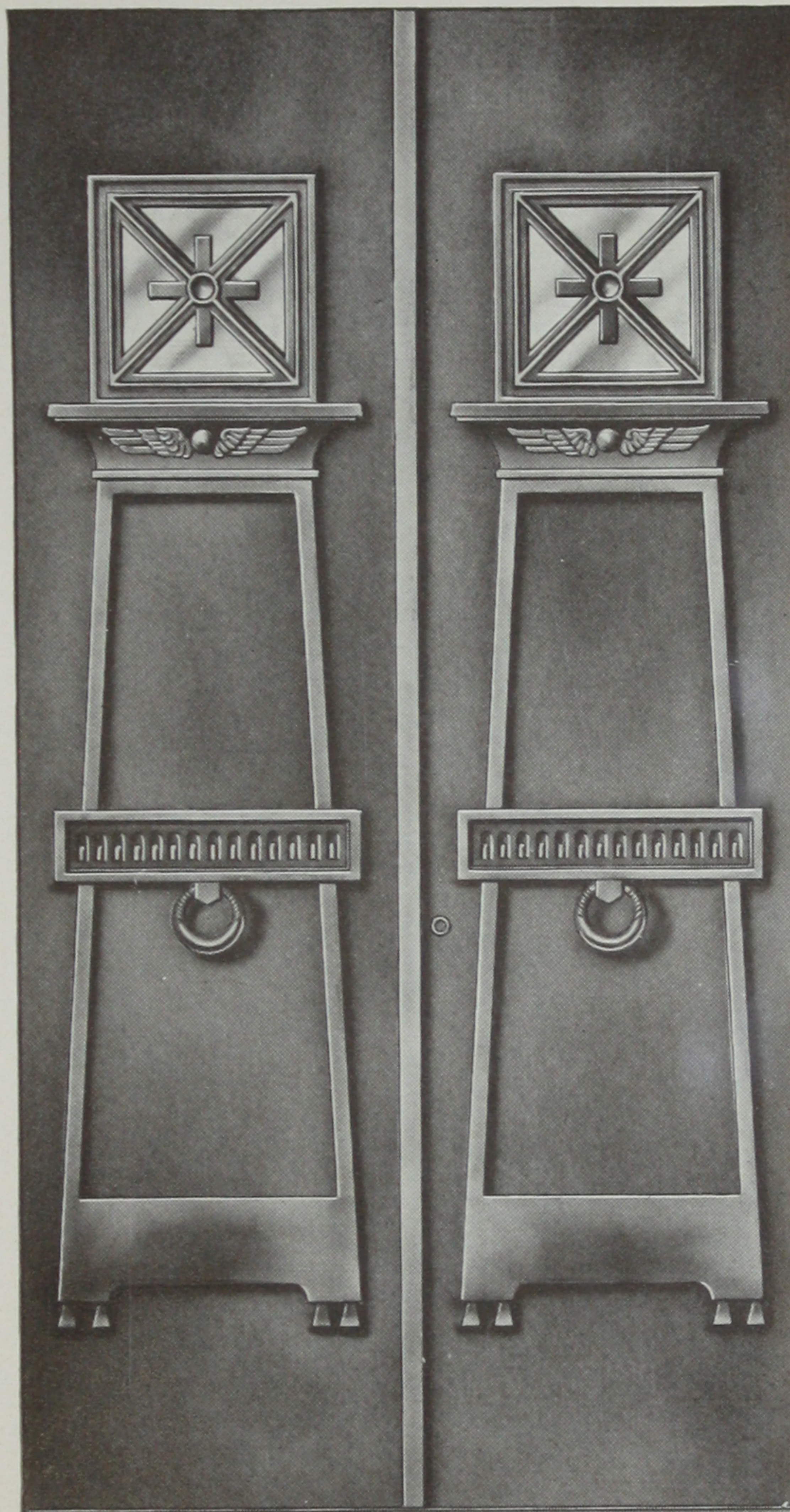
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No. 1329



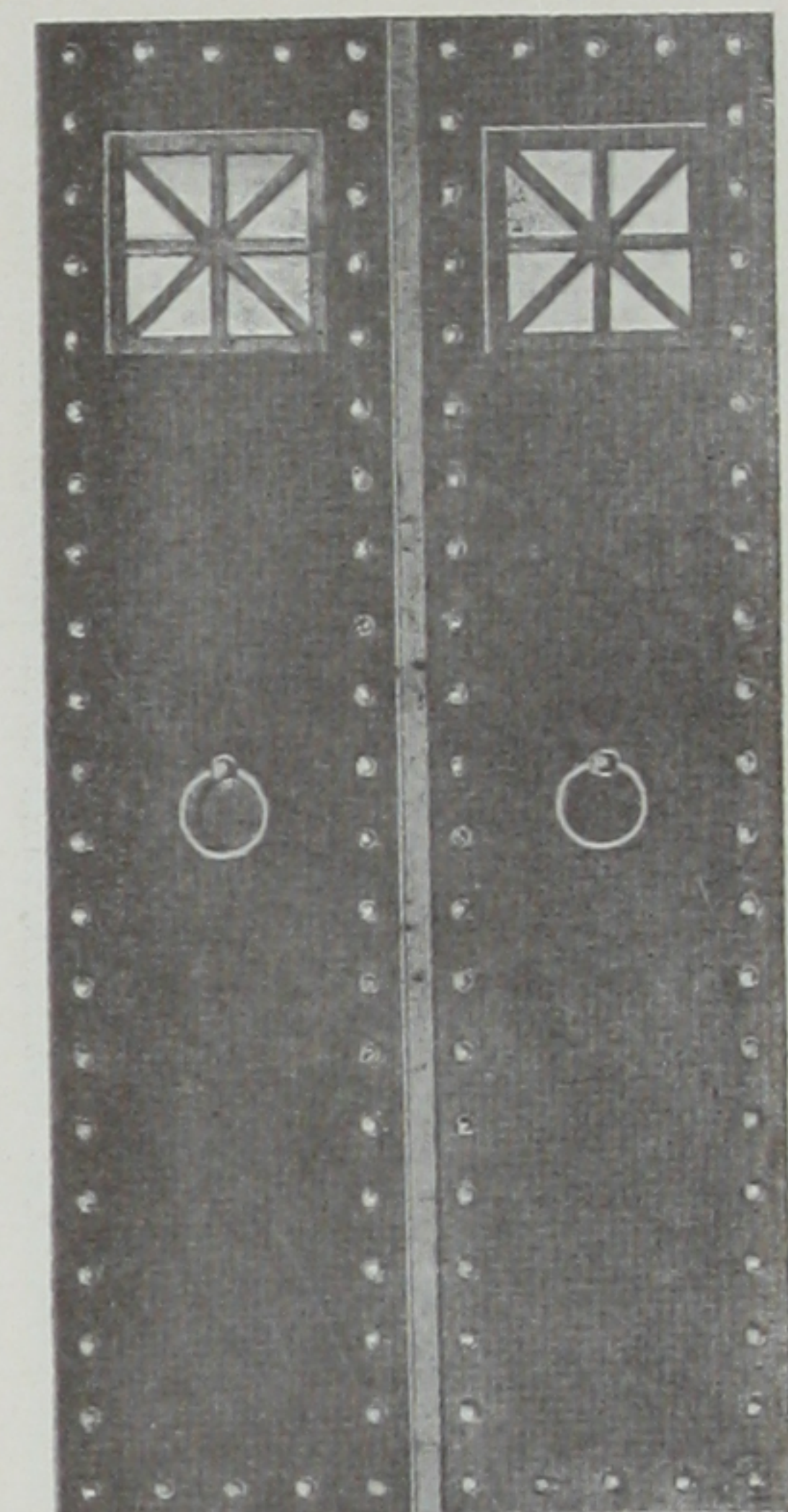
**STANDARD BRONZE DOORS FOR MAUSOLEUMS**



**Vulcan  
Illustration  
No. 1330**



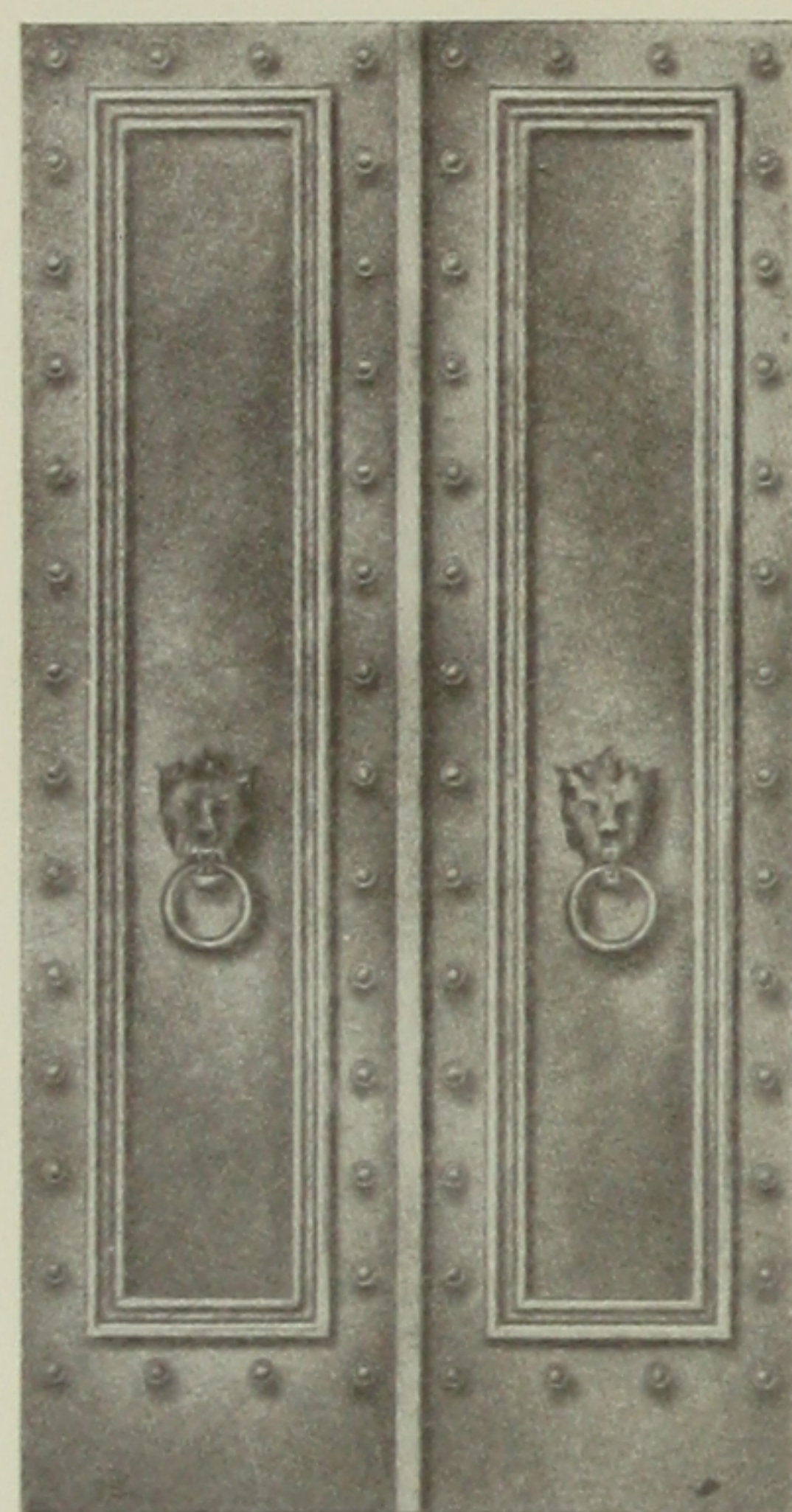
**Vulcan Illustration No. 1331**



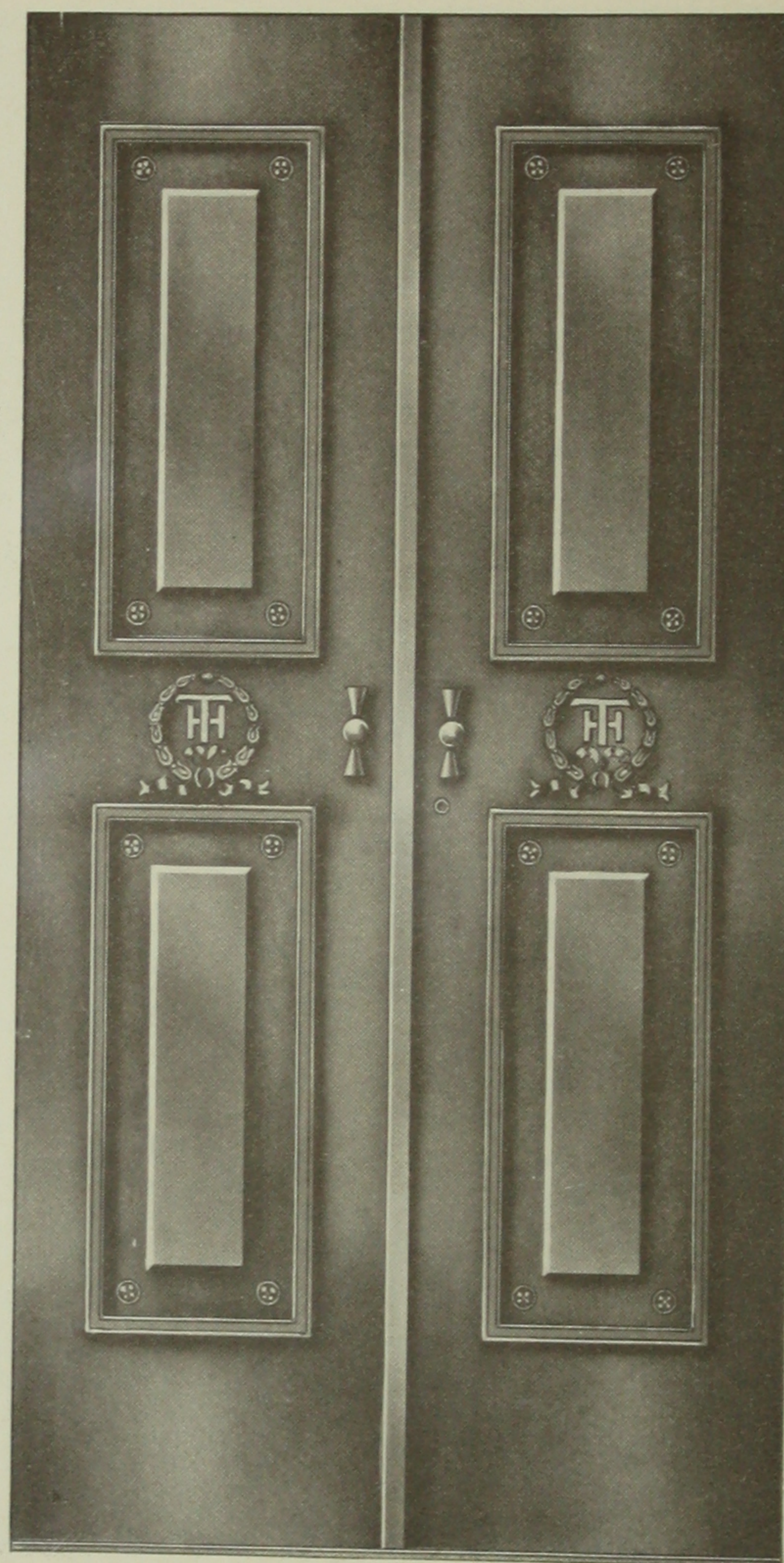
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Illustration  
No. 1332**



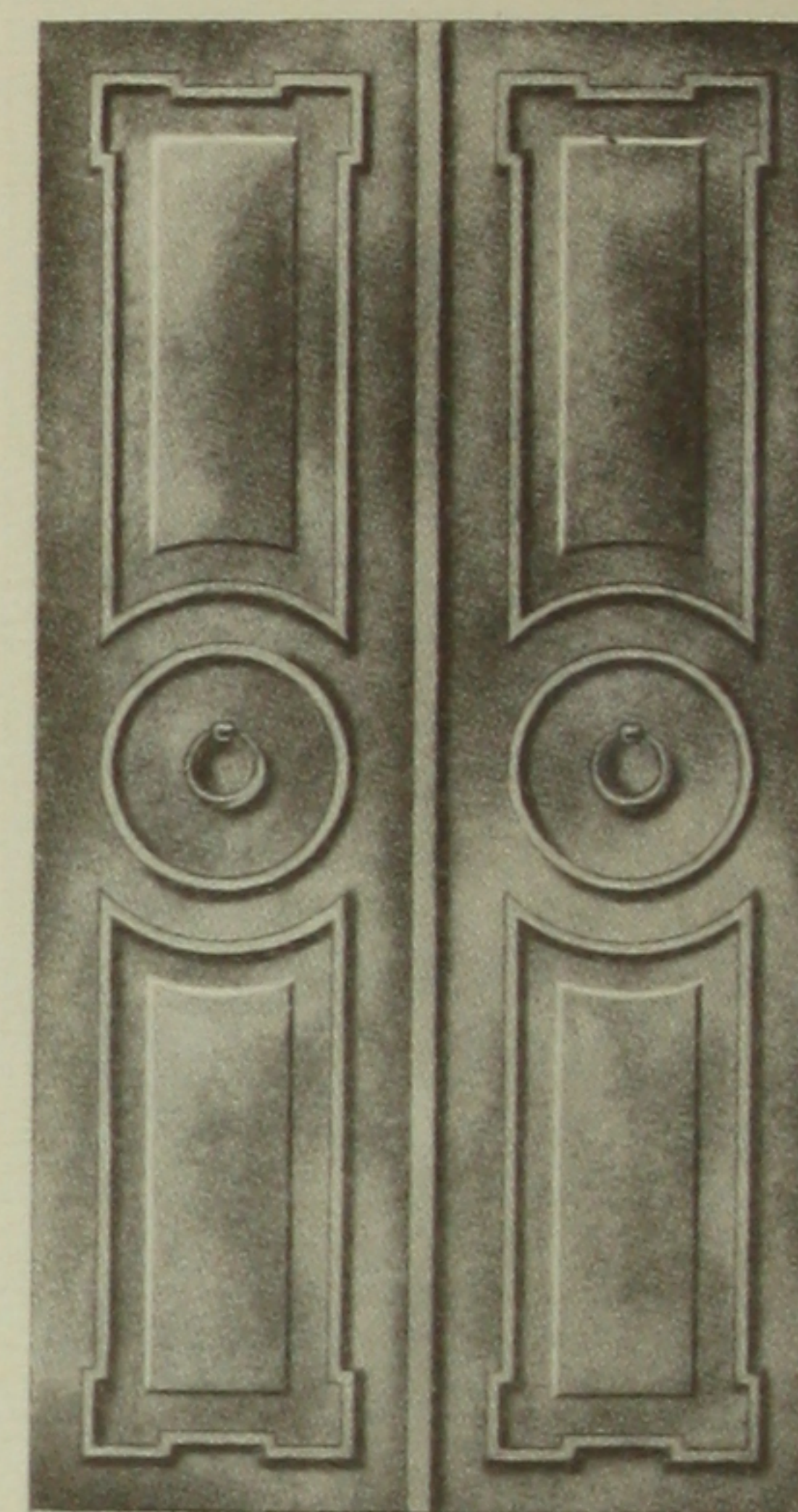
STANDARD BRONZE DOORS FOR MAUSOLEUMS



Vulcan  
Illustration  
No. 1333



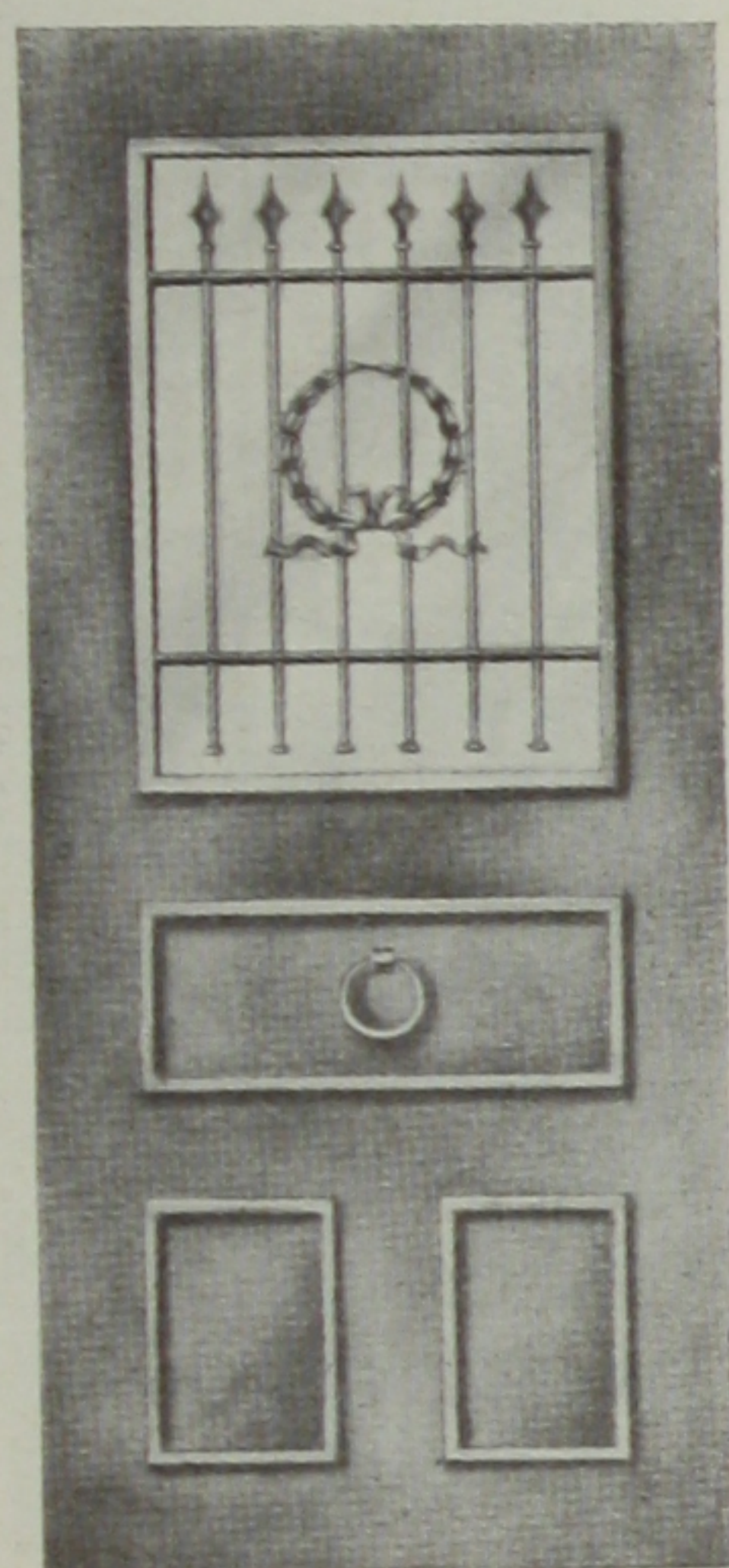
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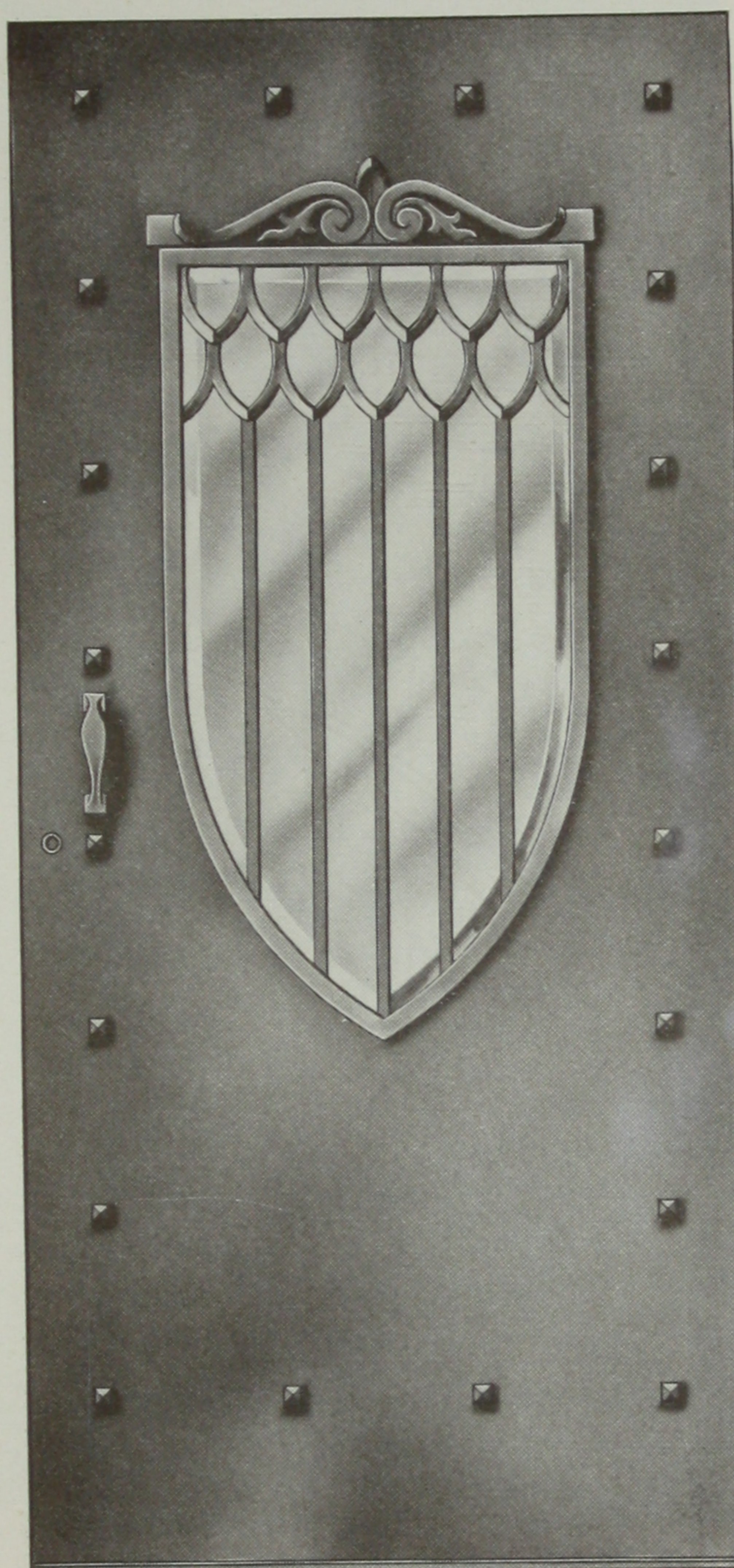
Vulcan  
Illustration  
No. 1335



**STANDARD BRONZE DOORS FOR MAUSOLEUMS**



**Vulcan  
Illustration  
No. 1336**



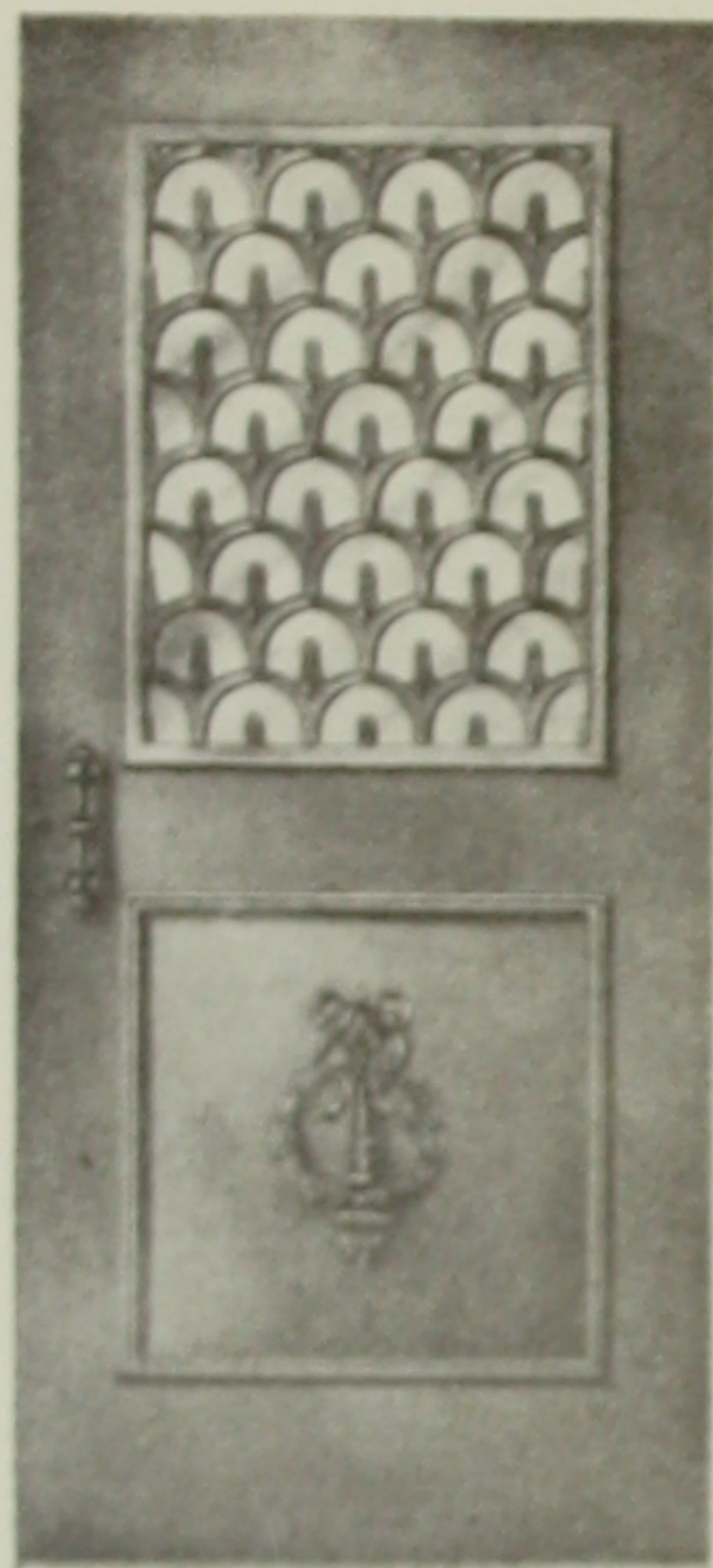
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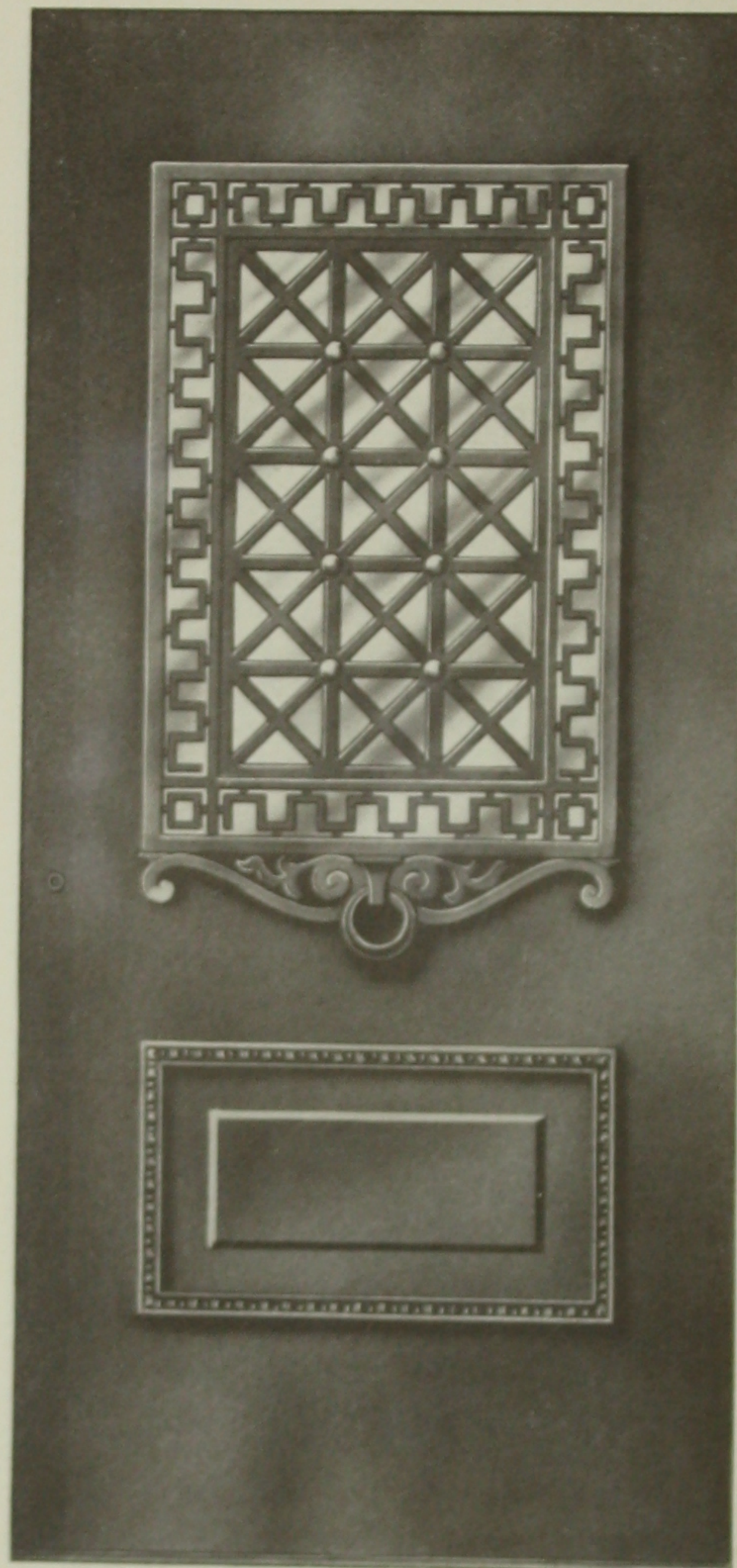
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Illustration  
No. 1338**



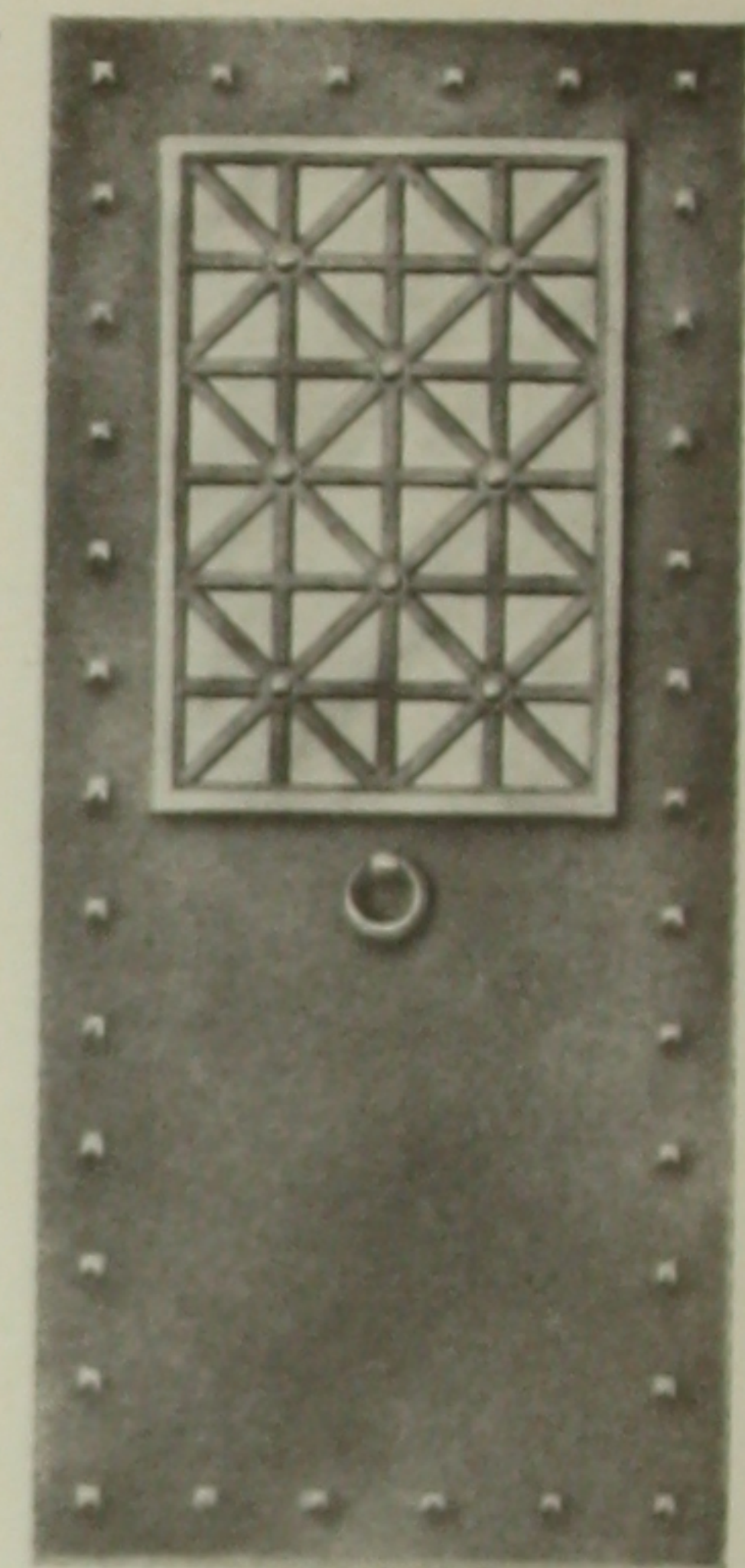
STANDARD BRONZE DOORS FOR MAUSOLEUMS



Vulcan  
Illustration  
No. 1339



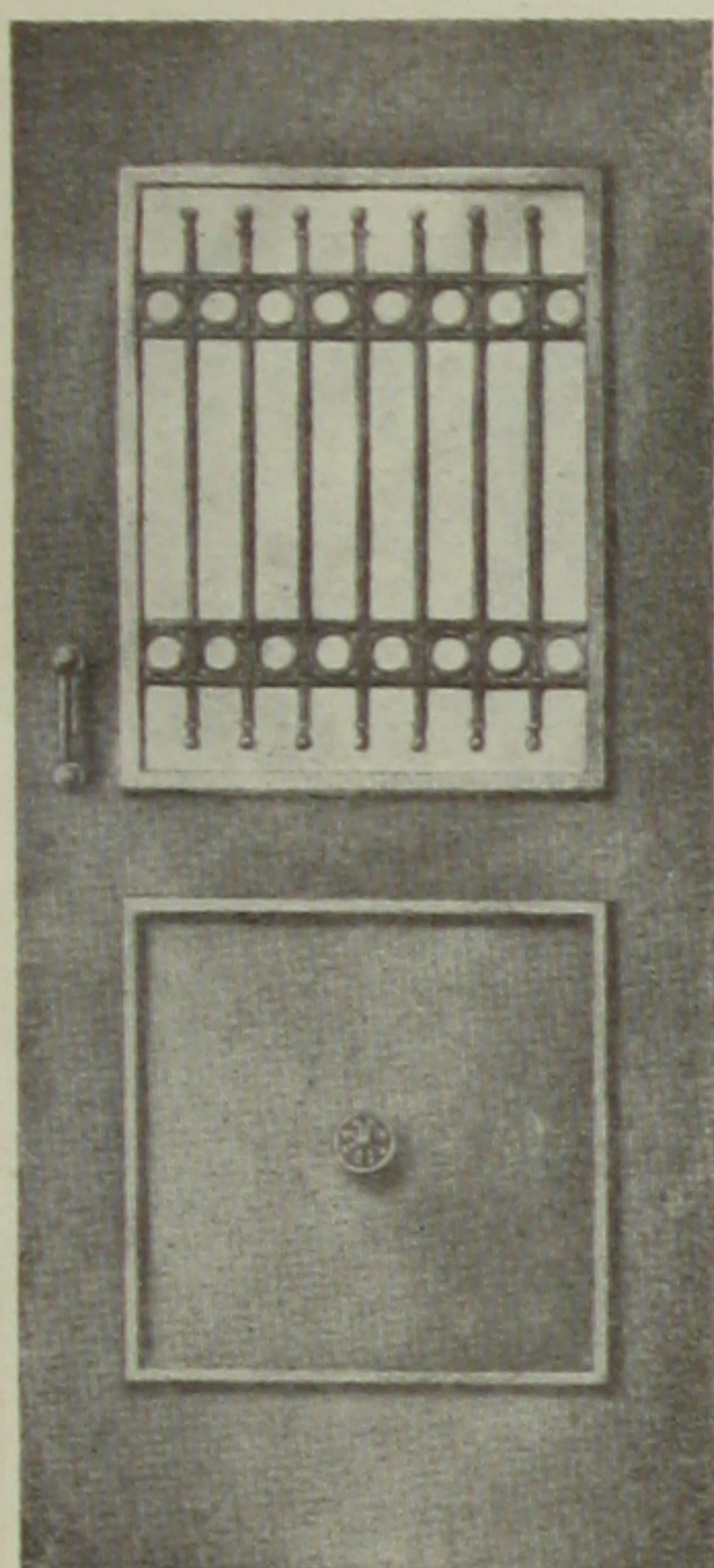
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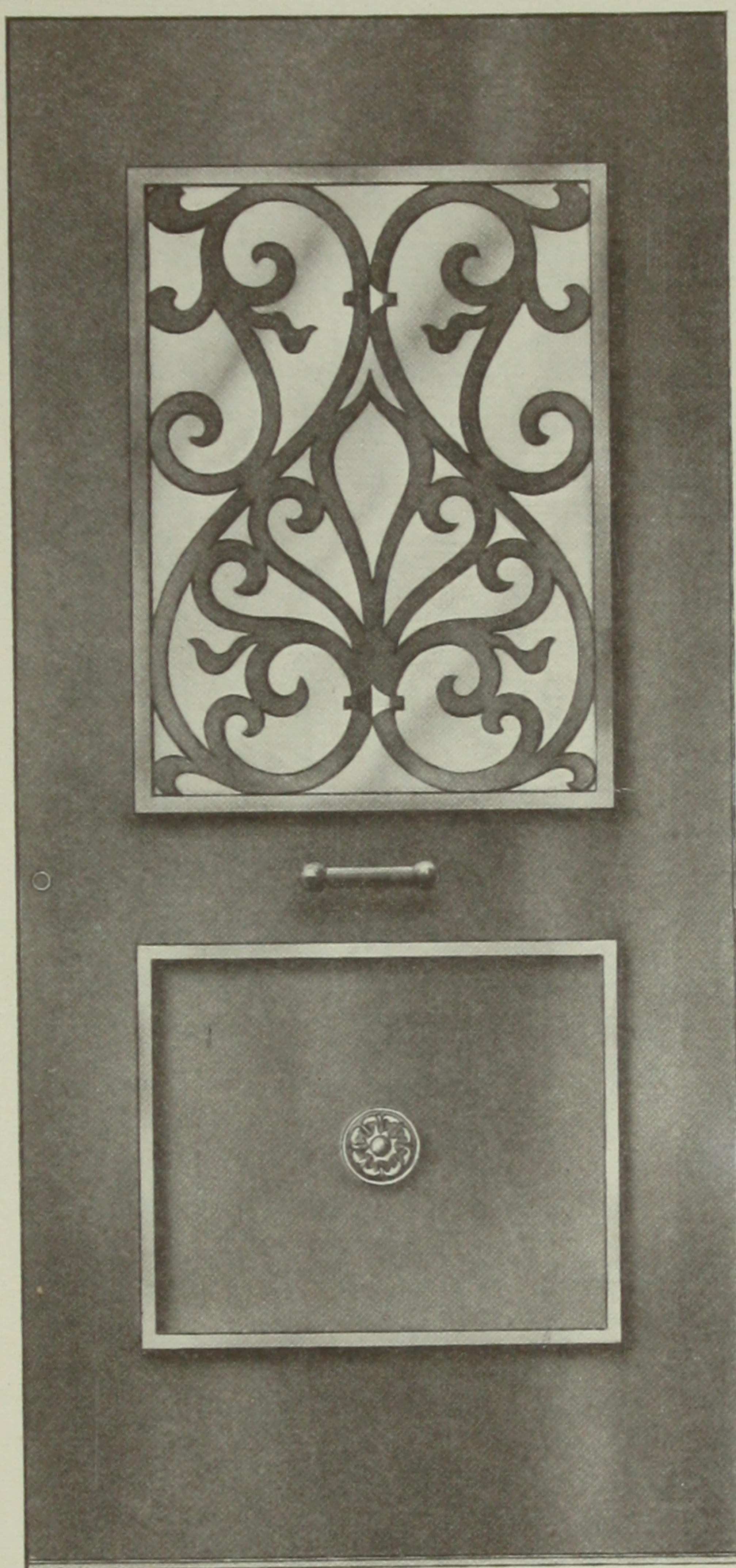
Vulcan  
Illustration  
No. 1341



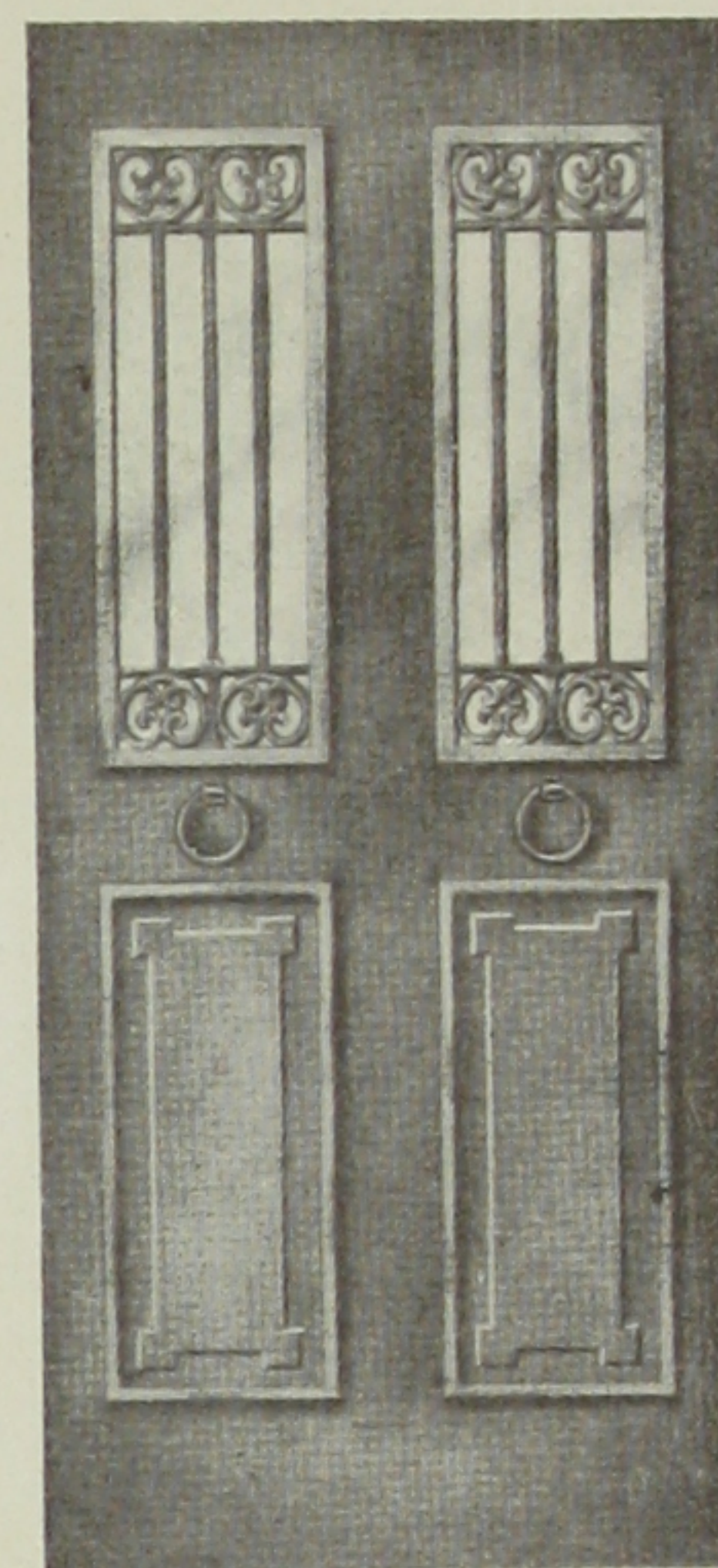
**STANDARD BRONZE GATES FOR MAUSOLEUMS**



**Vulcan  
Illustration  
No. 1342**



**Vulcan Illustration No. 1343**

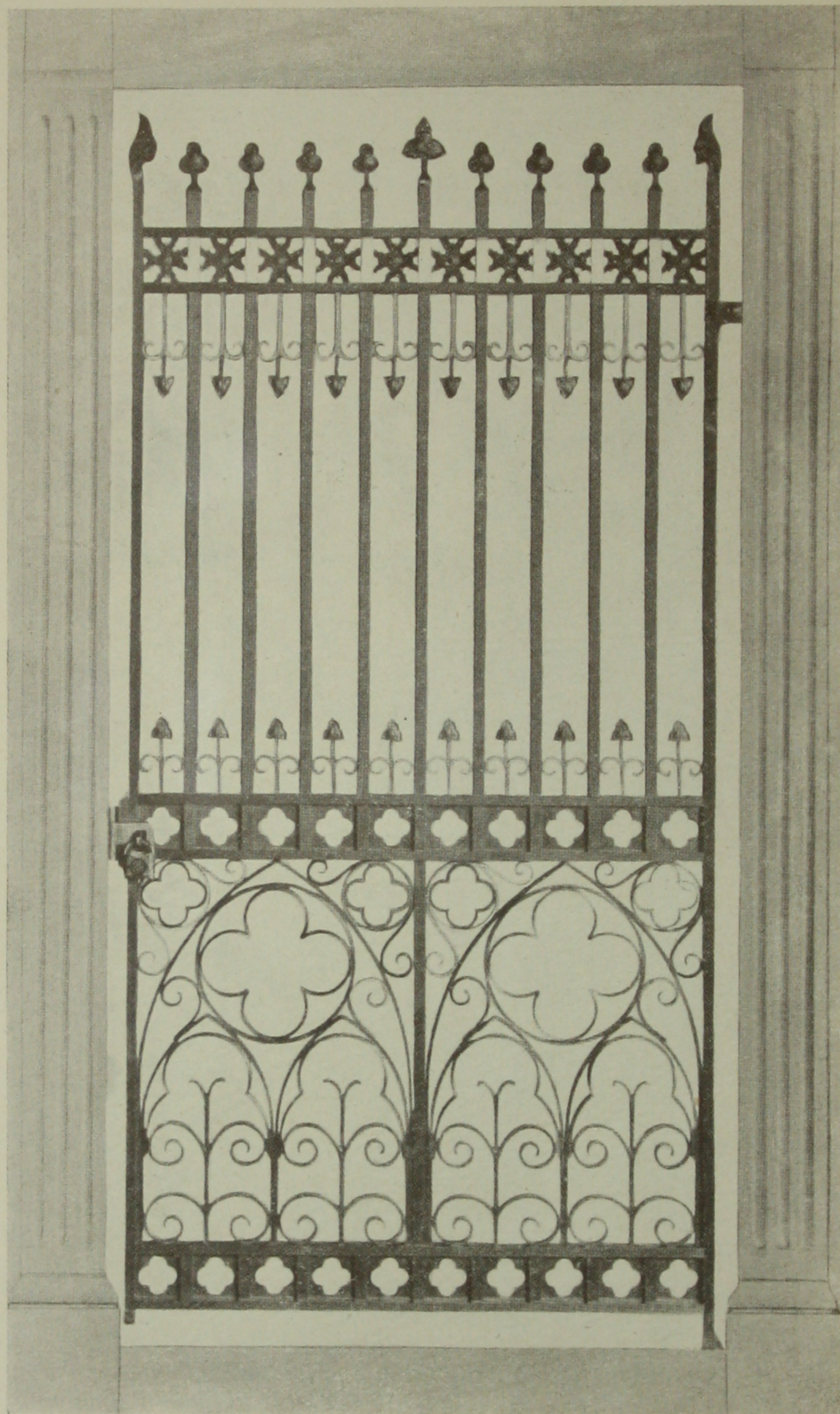


**Vulcan  
Illustration  
No. 1344**



The VULCAN CO.  
DETROIT - MICH.

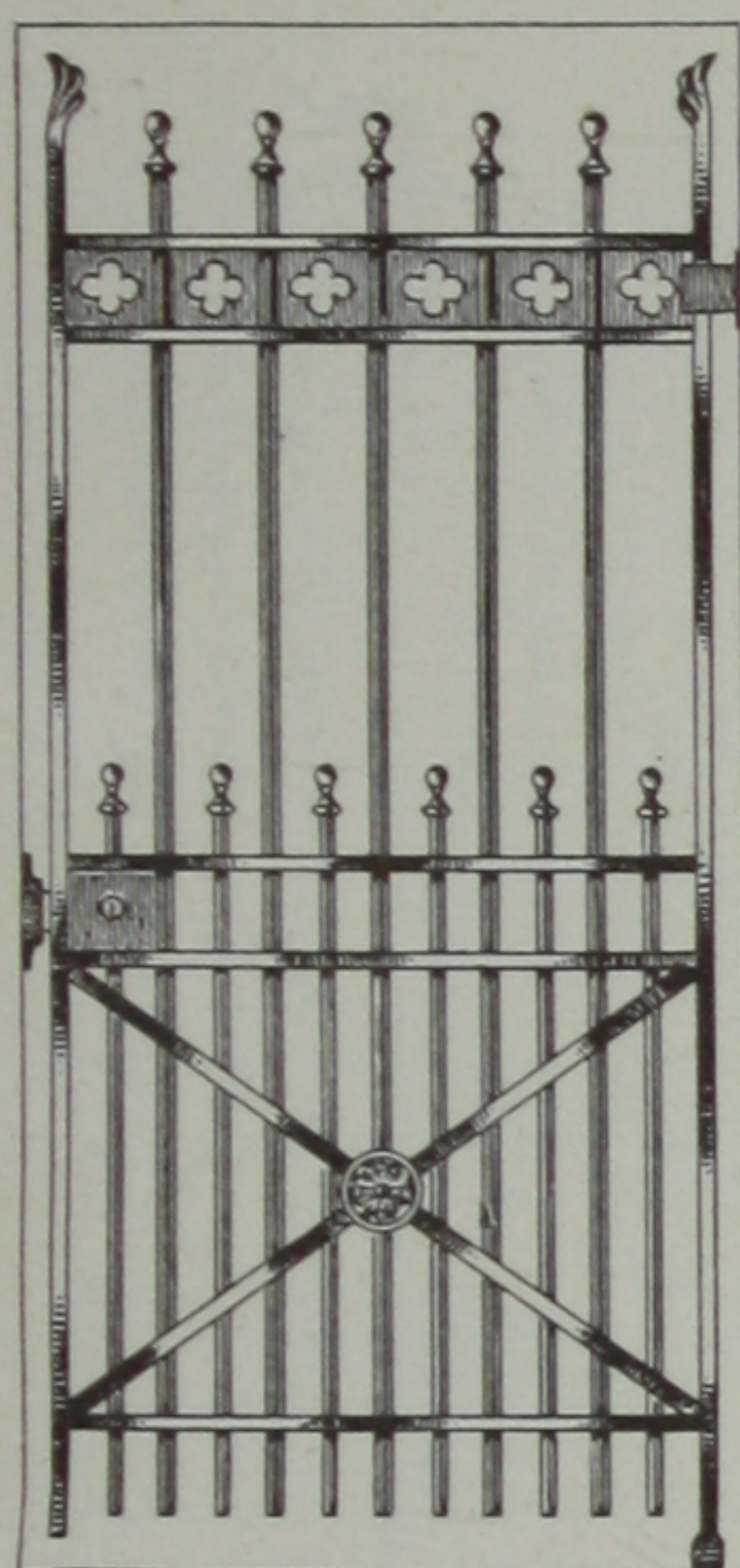
STANDARD BRONZE GATES FOR MAUSOLEUMS



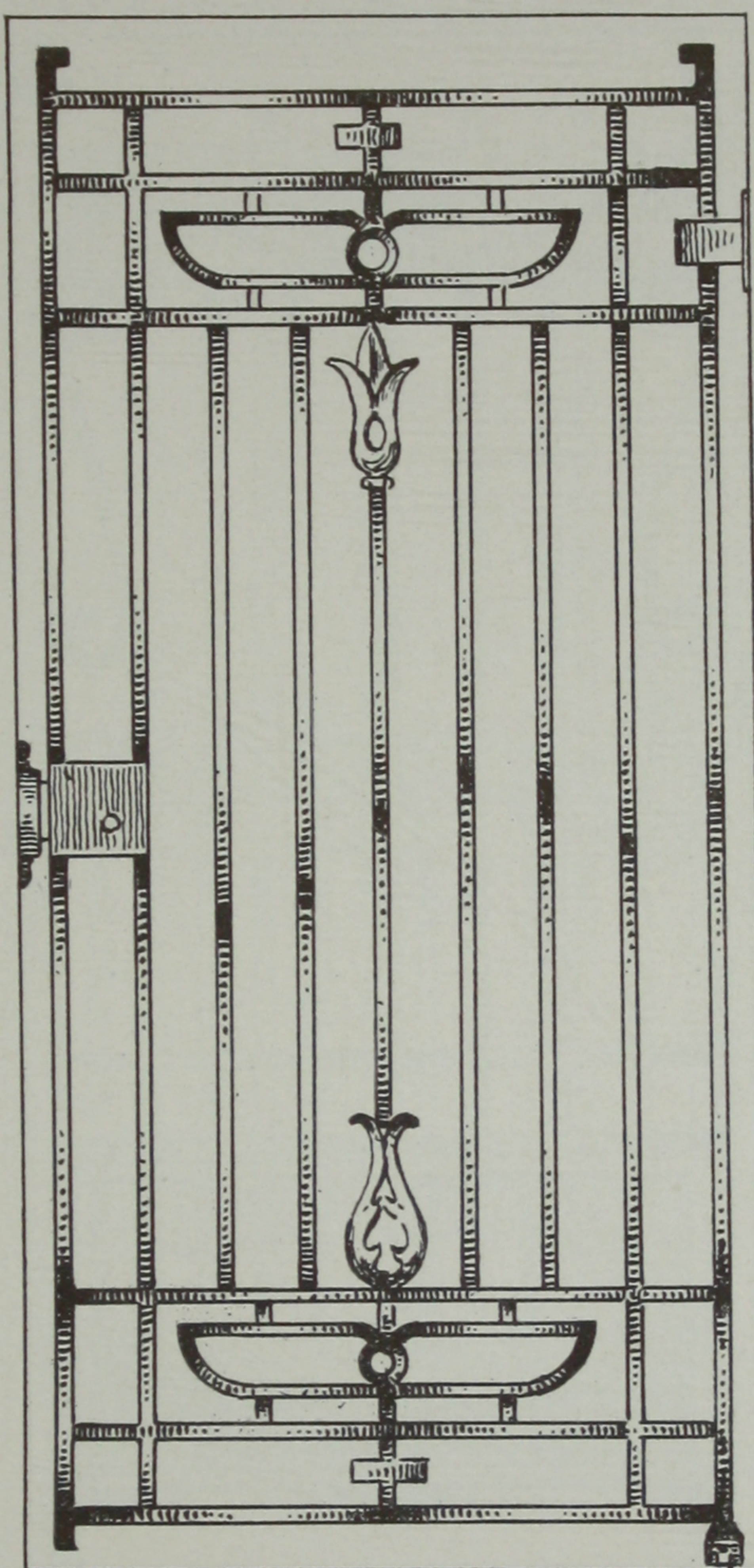
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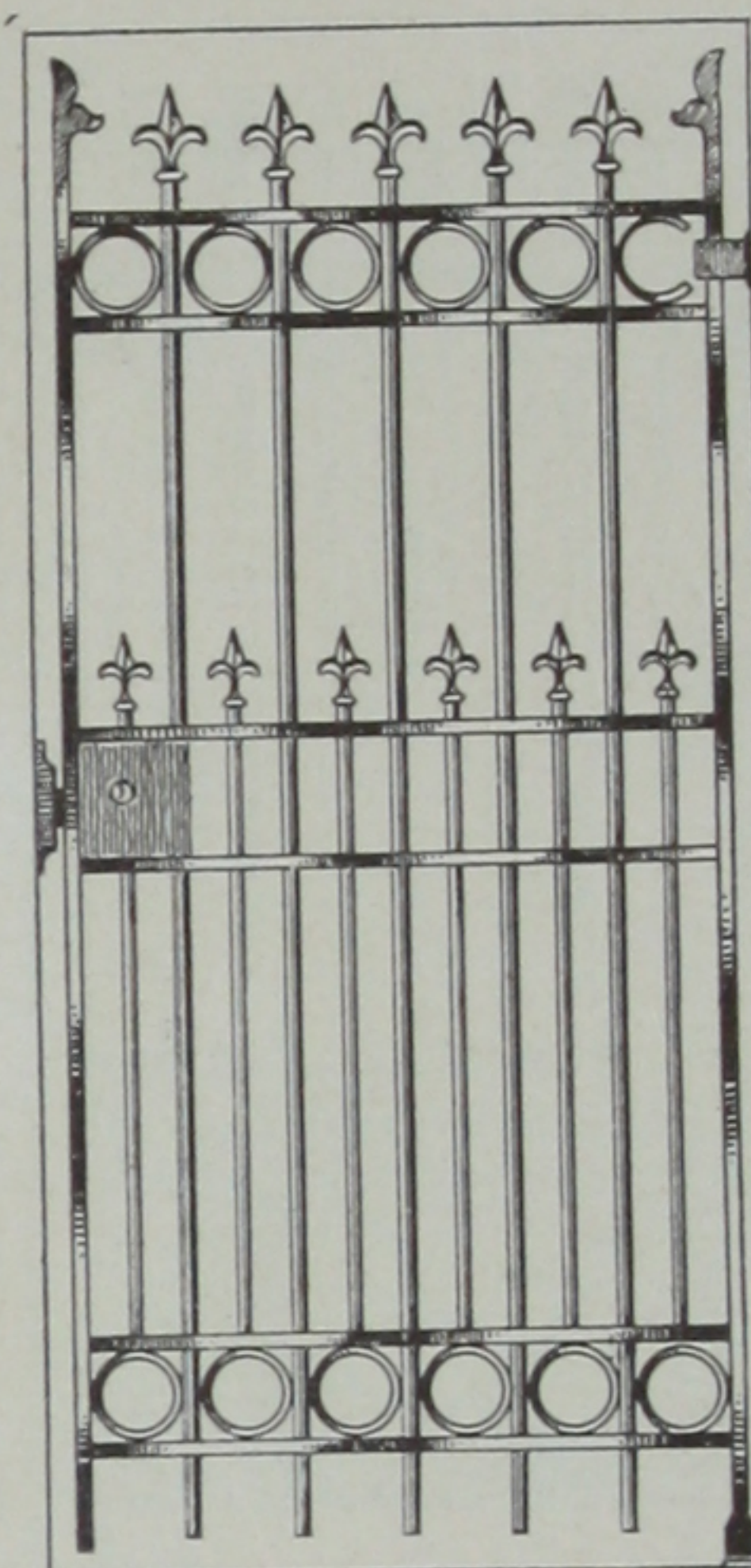
STANDARD BRONZE GATES FOR MAUSOLEUMS



Vulcan  
Illustration  
No. 1346



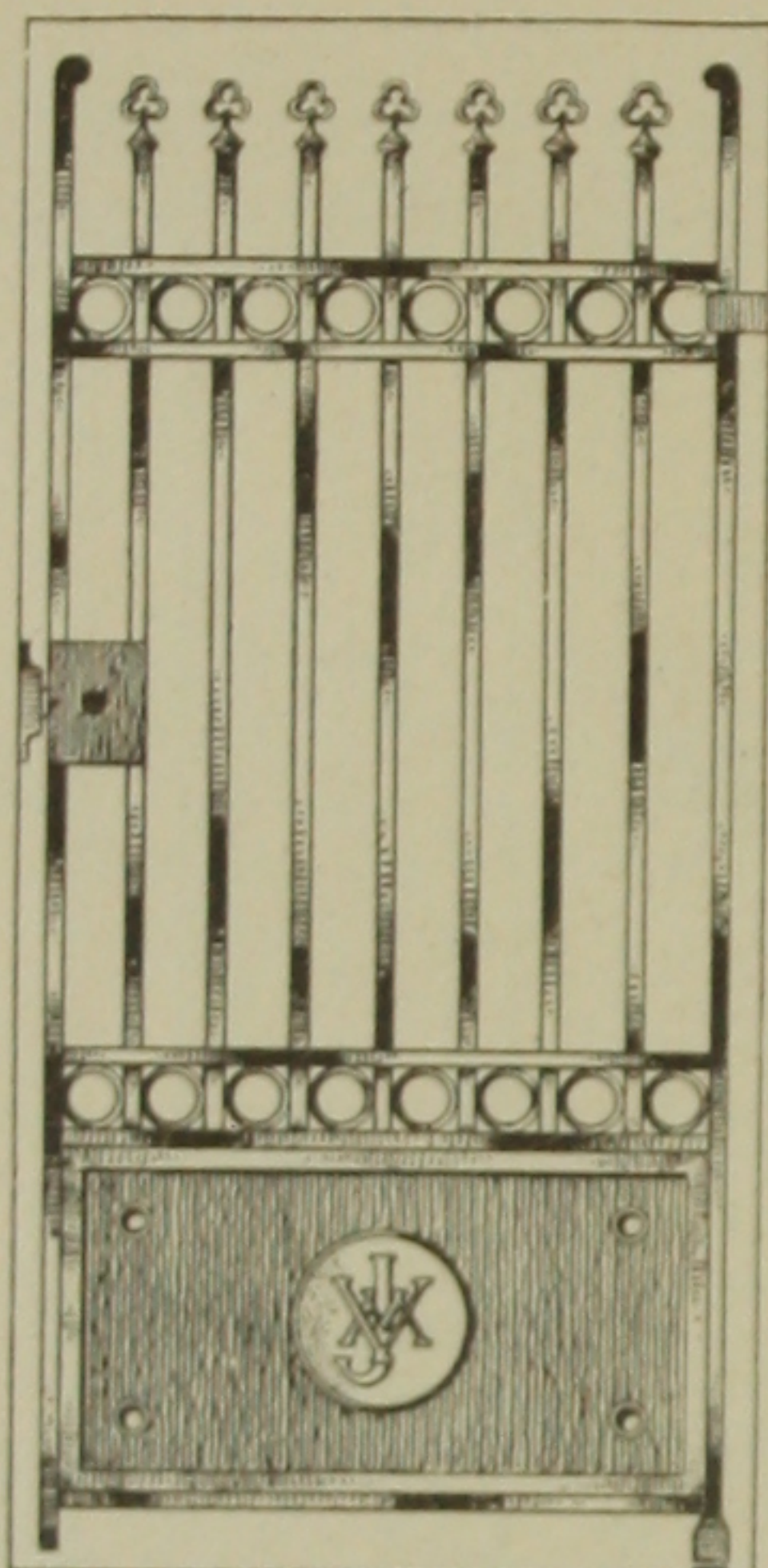
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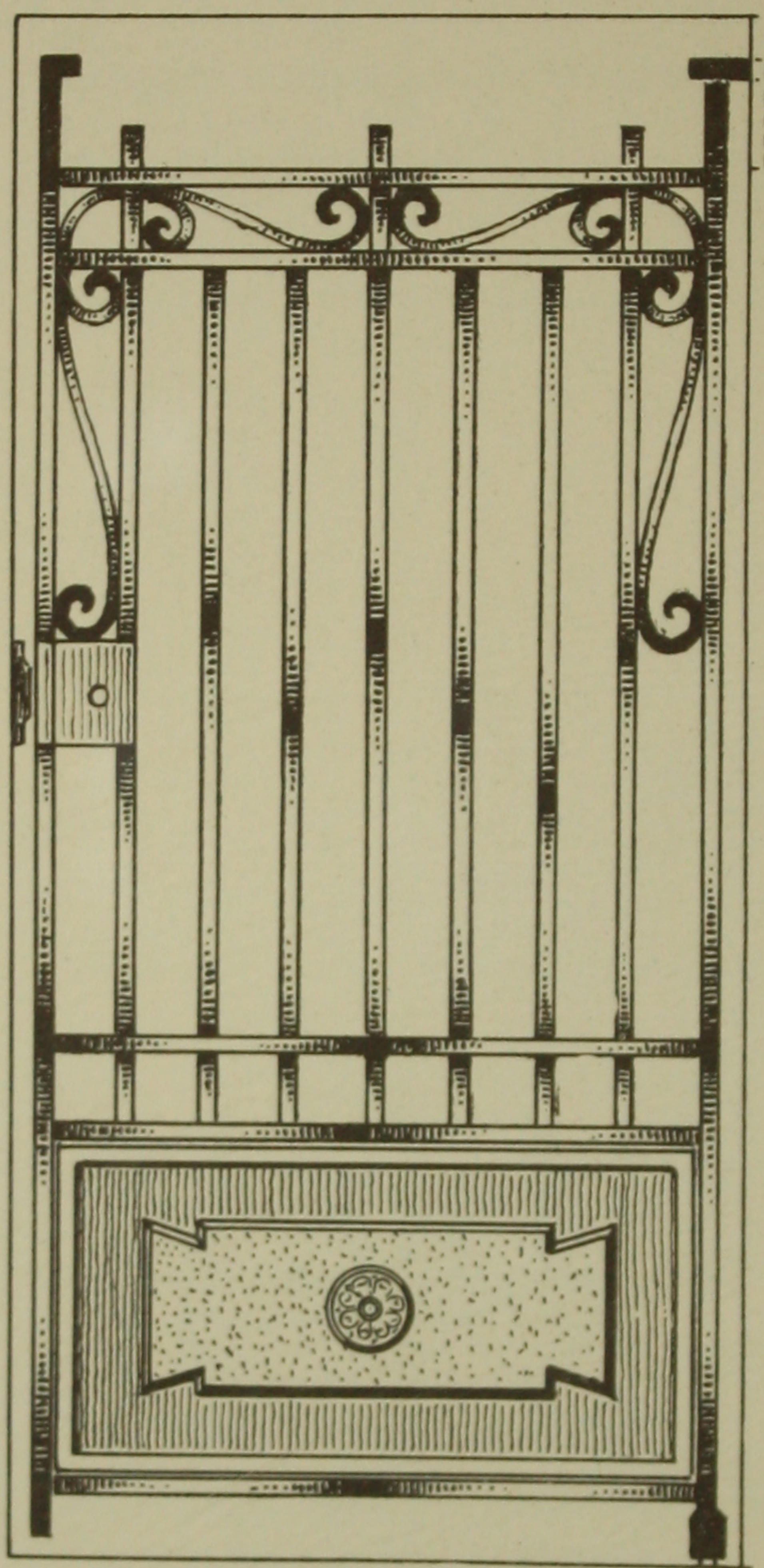
Vulcan  
Illustration  
No. 1348



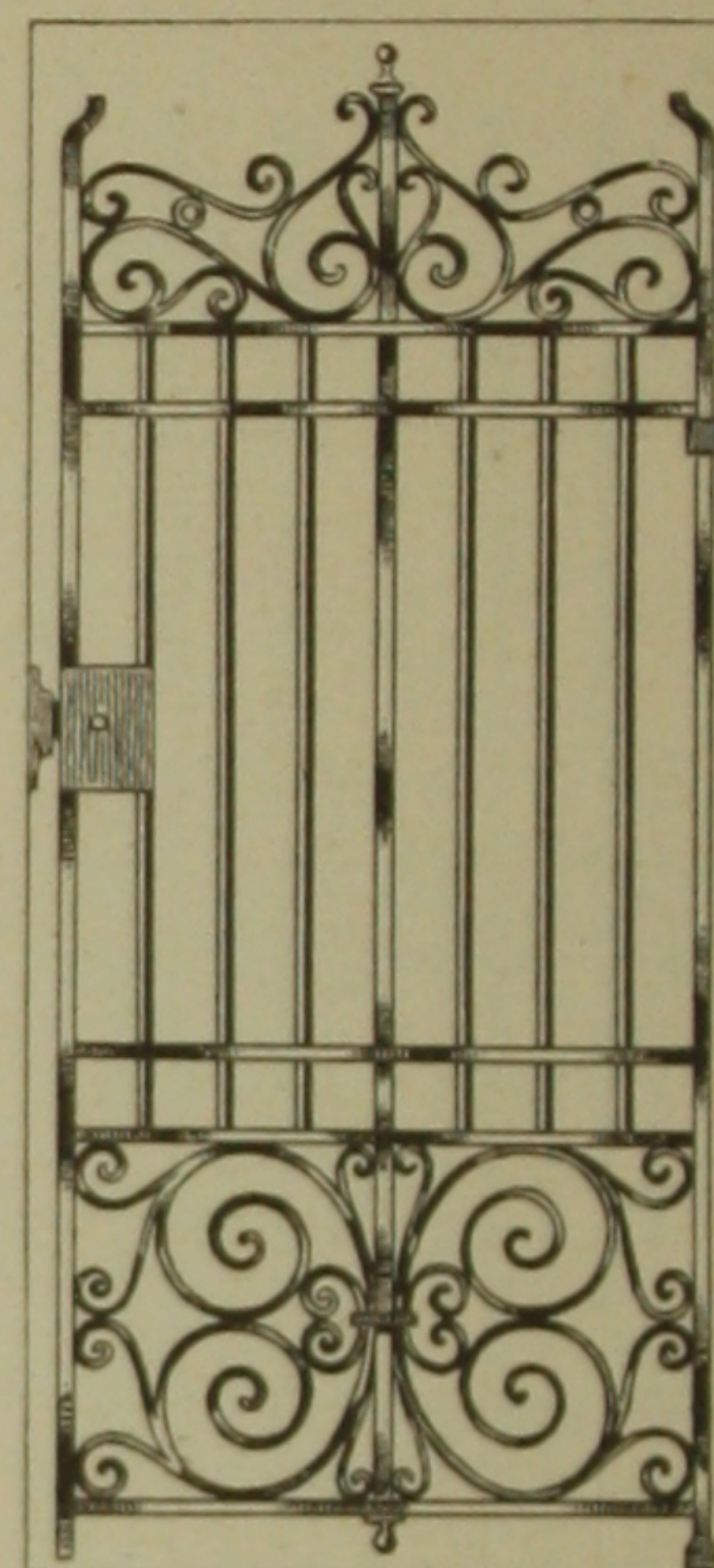
STANDARD BRONZE GATES FOR MAUSOLEUMS



Vulcan  
Illustration  
No. 1349



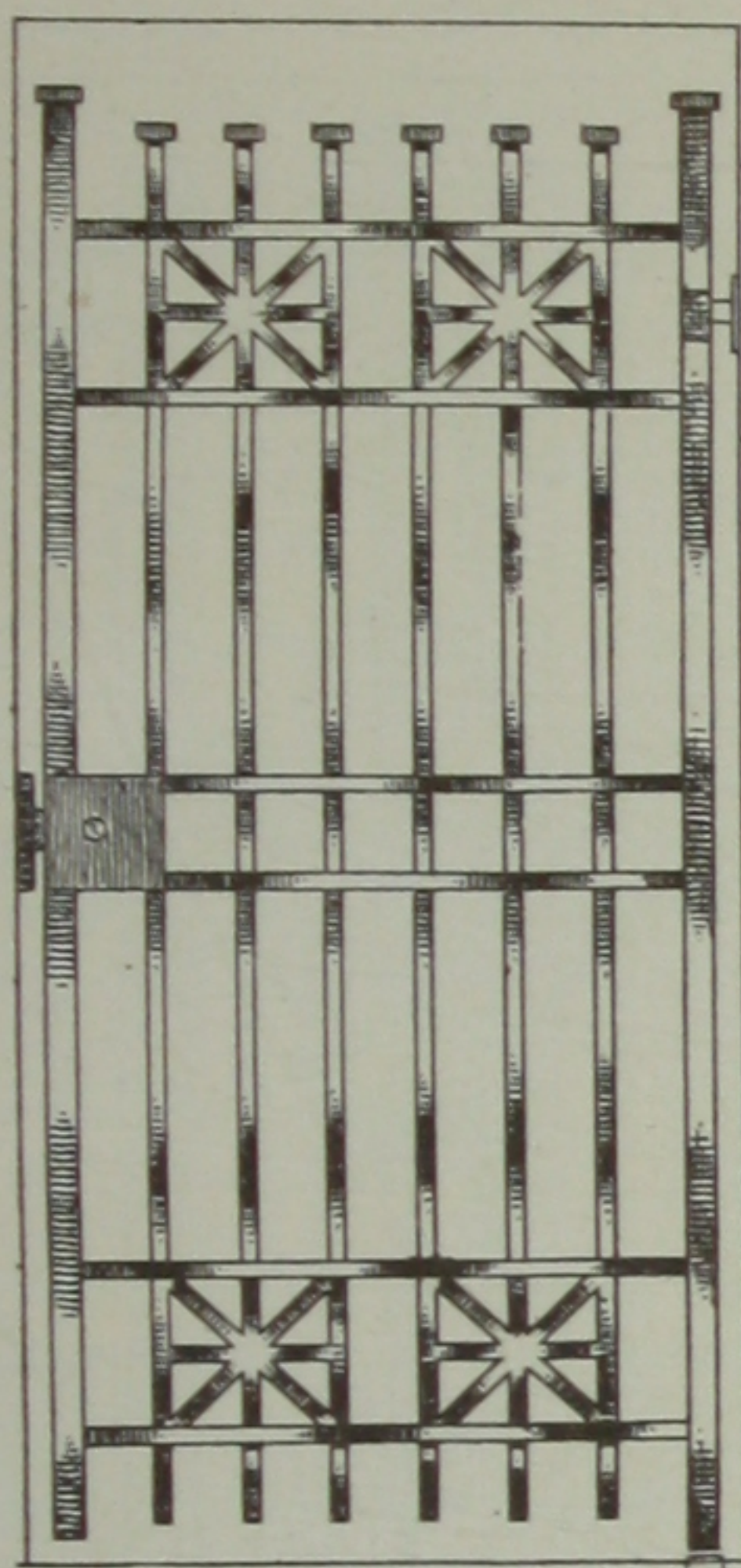
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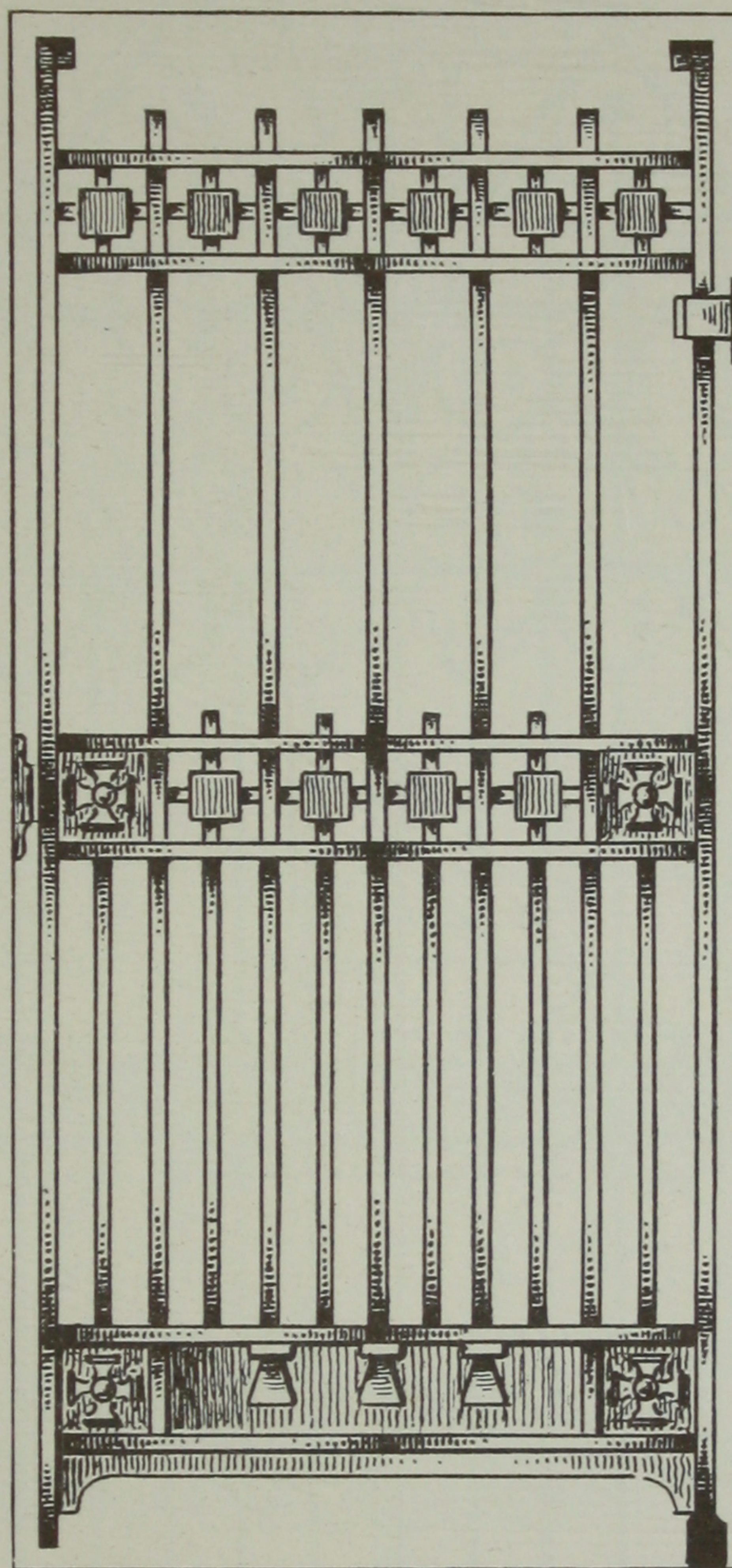
Vulcan  
Illustration  
No. 1351



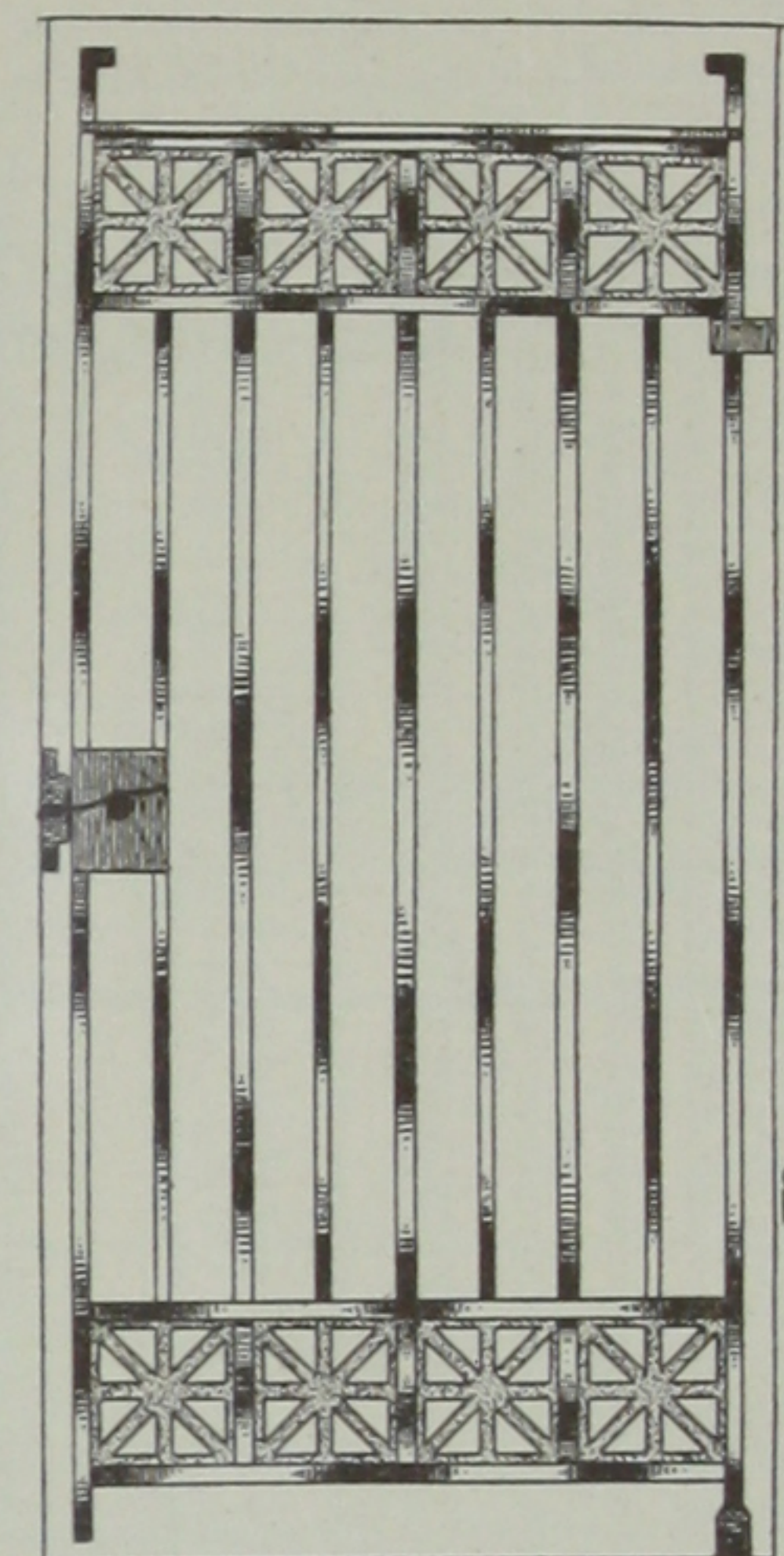
**STANDARD BRONZE GATES FOR MAUSOLEUMS**



**Vulcan  
Illustration  
No. 1352**



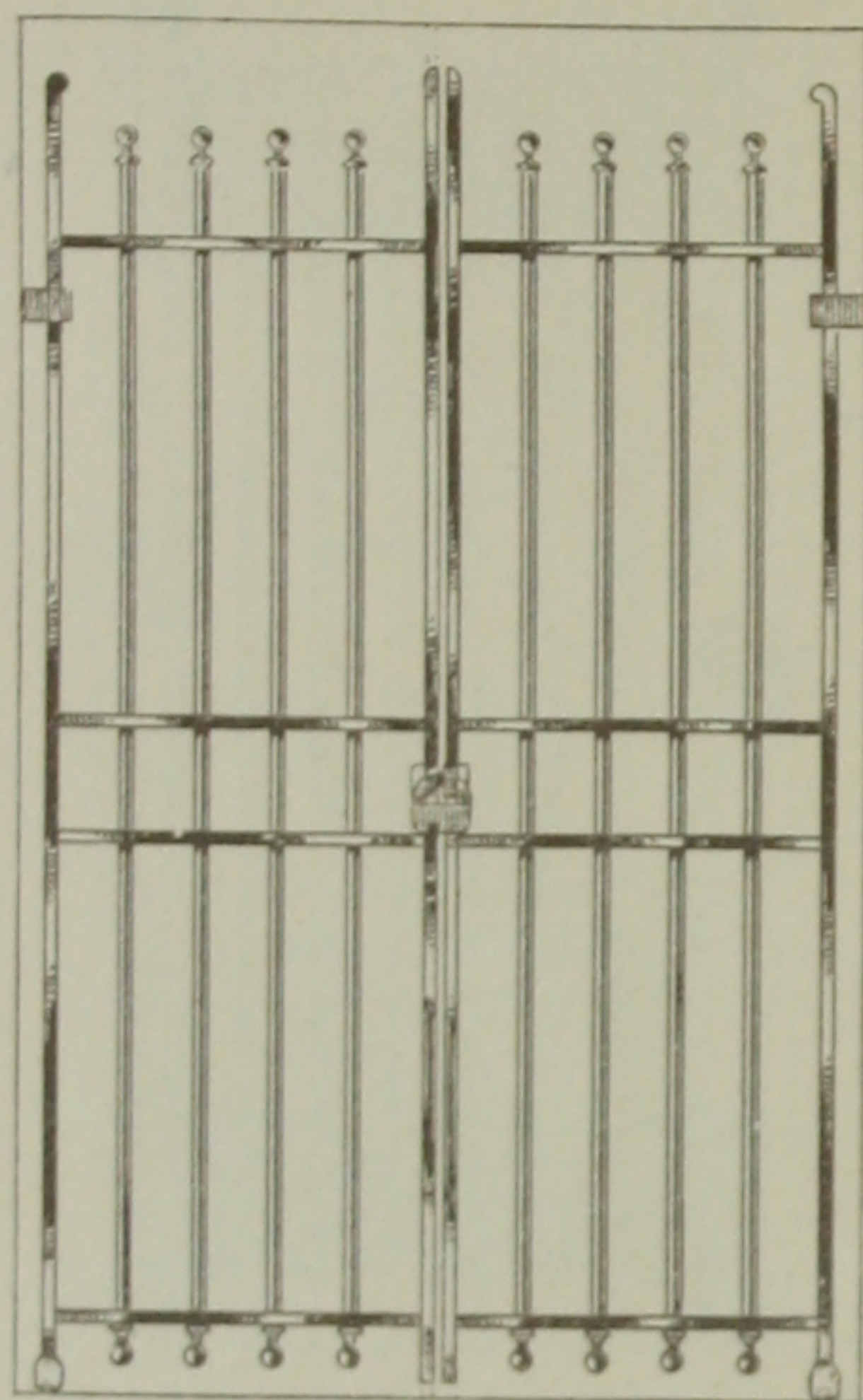
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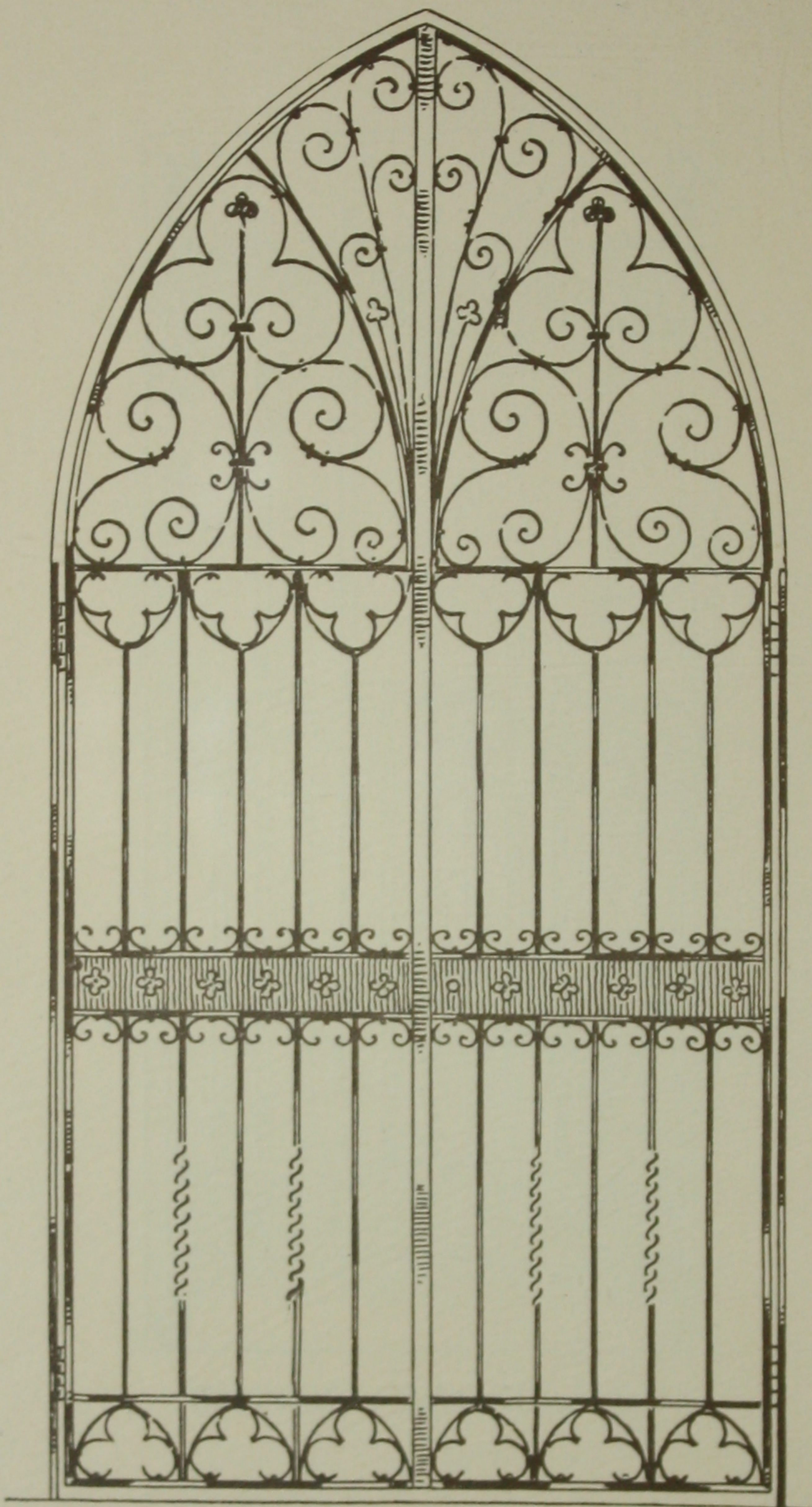
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Illustration  
No. 1354**



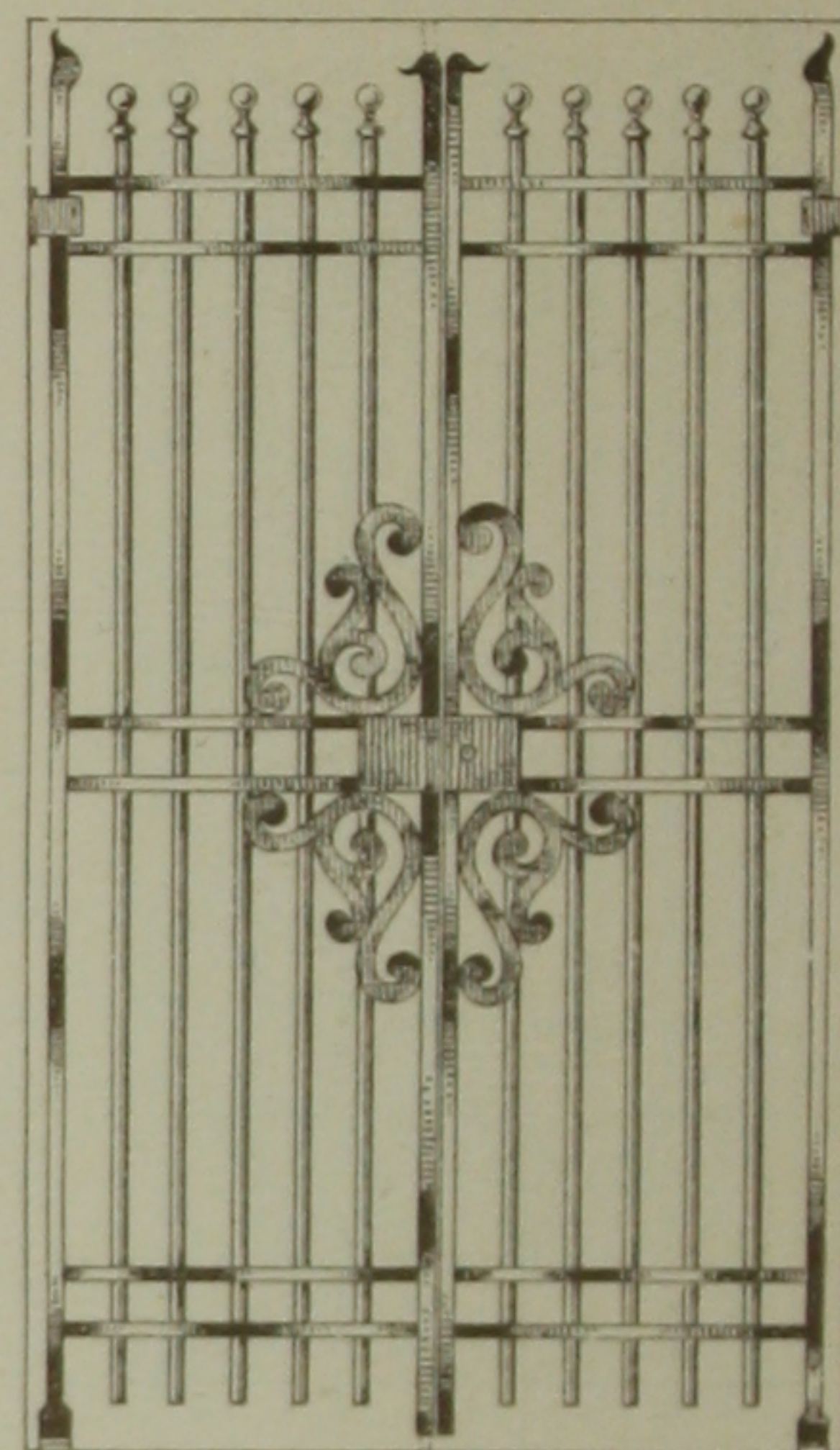
STANDARD BRONZE GATES FOR MAUSOLEUMS



Vulcan  
Illustration  
No. 1355



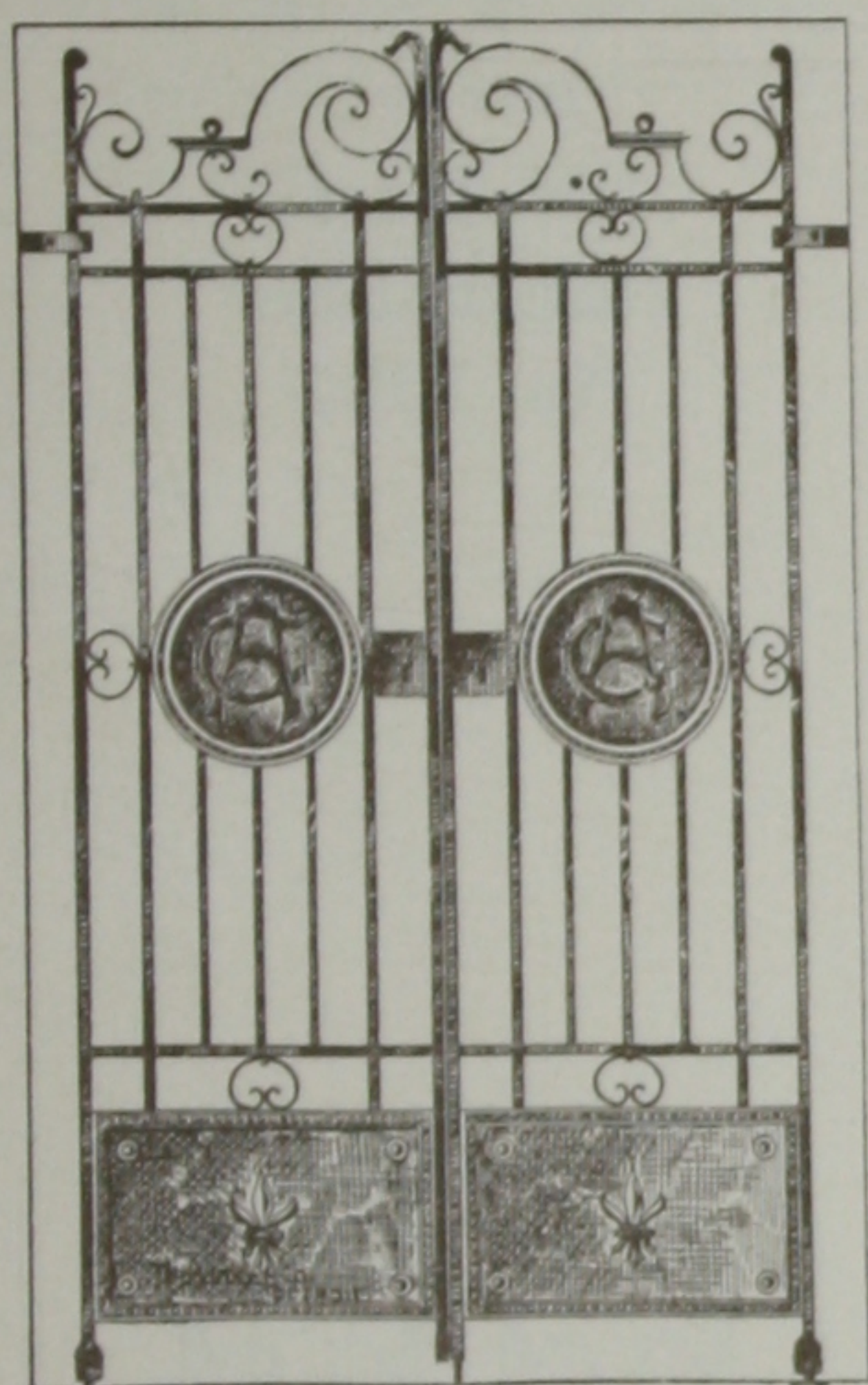
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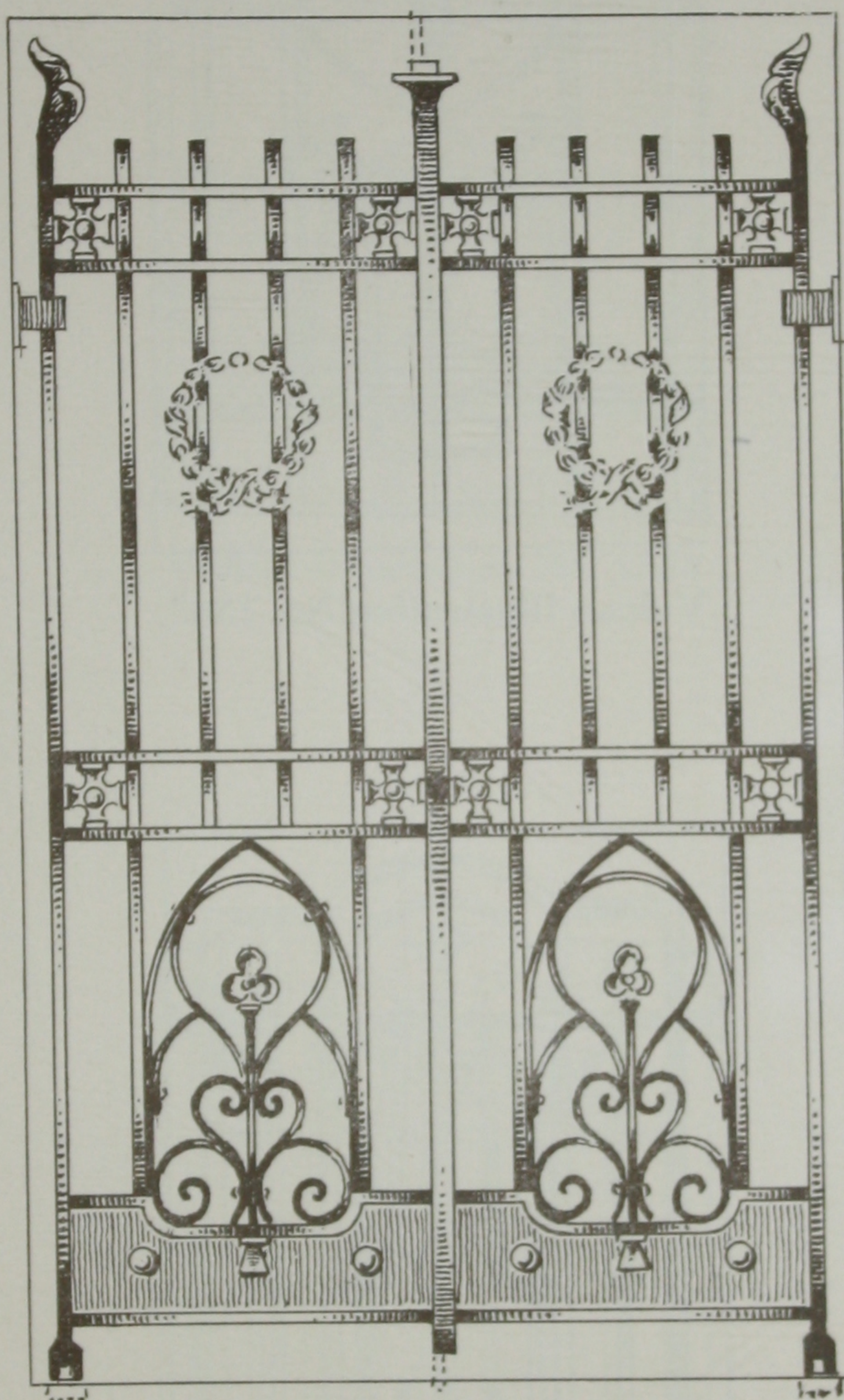
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Illustration  
No. 1357



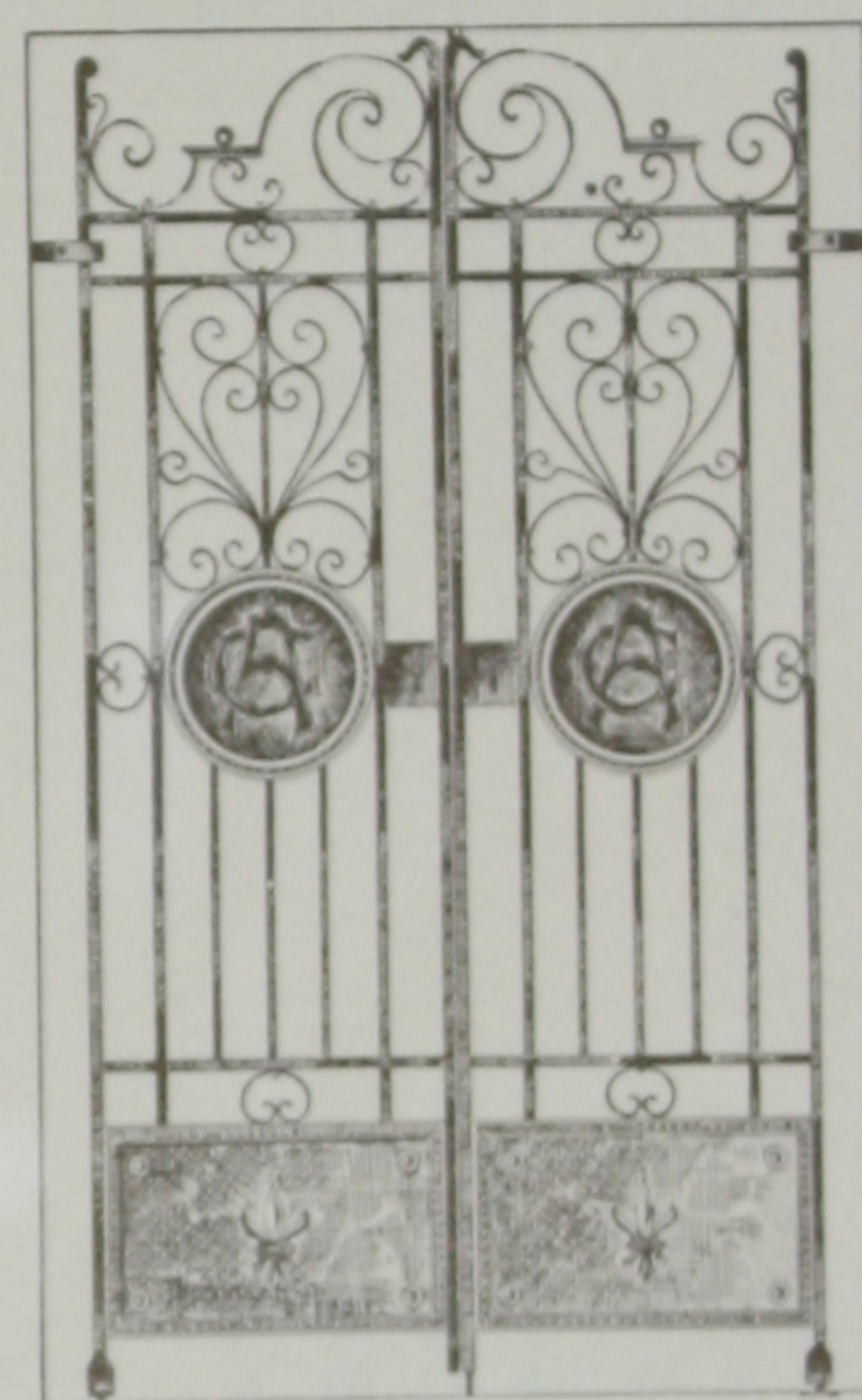
STANDARD BRONZE GATES FOR MAUSOLEUMS



Vulcan  
Illustration  
No. 1358



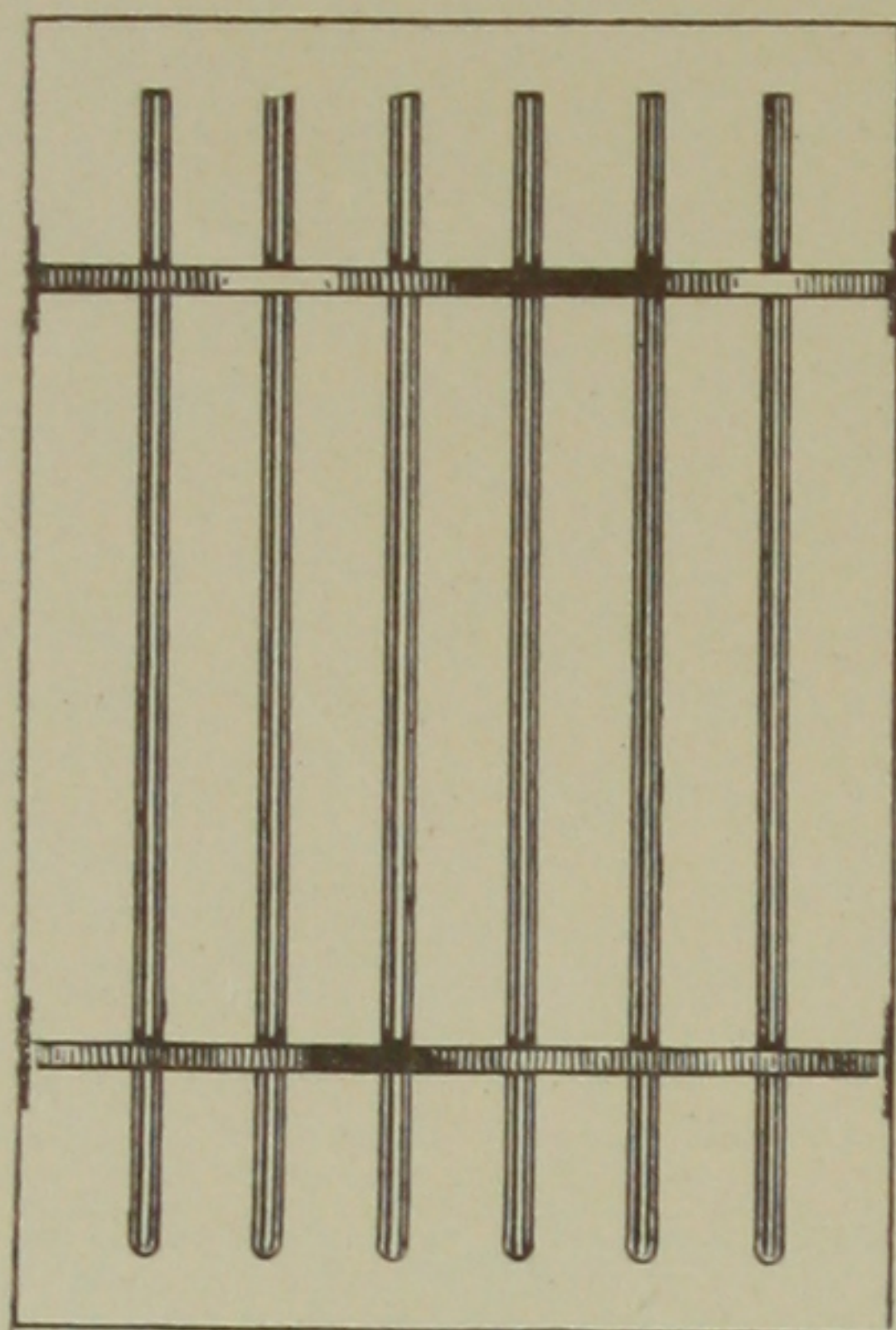
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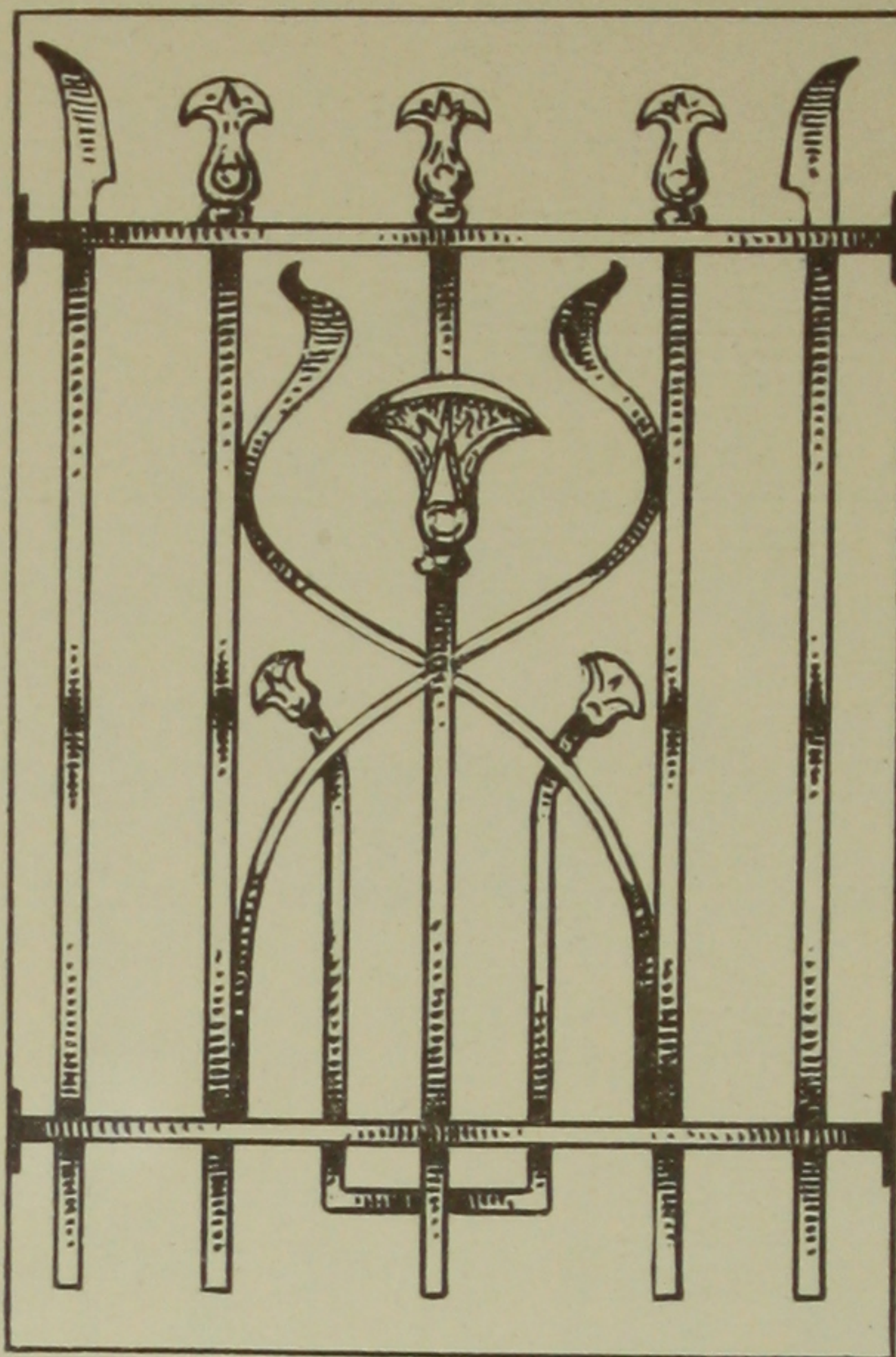
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Illustration  
No. 1360



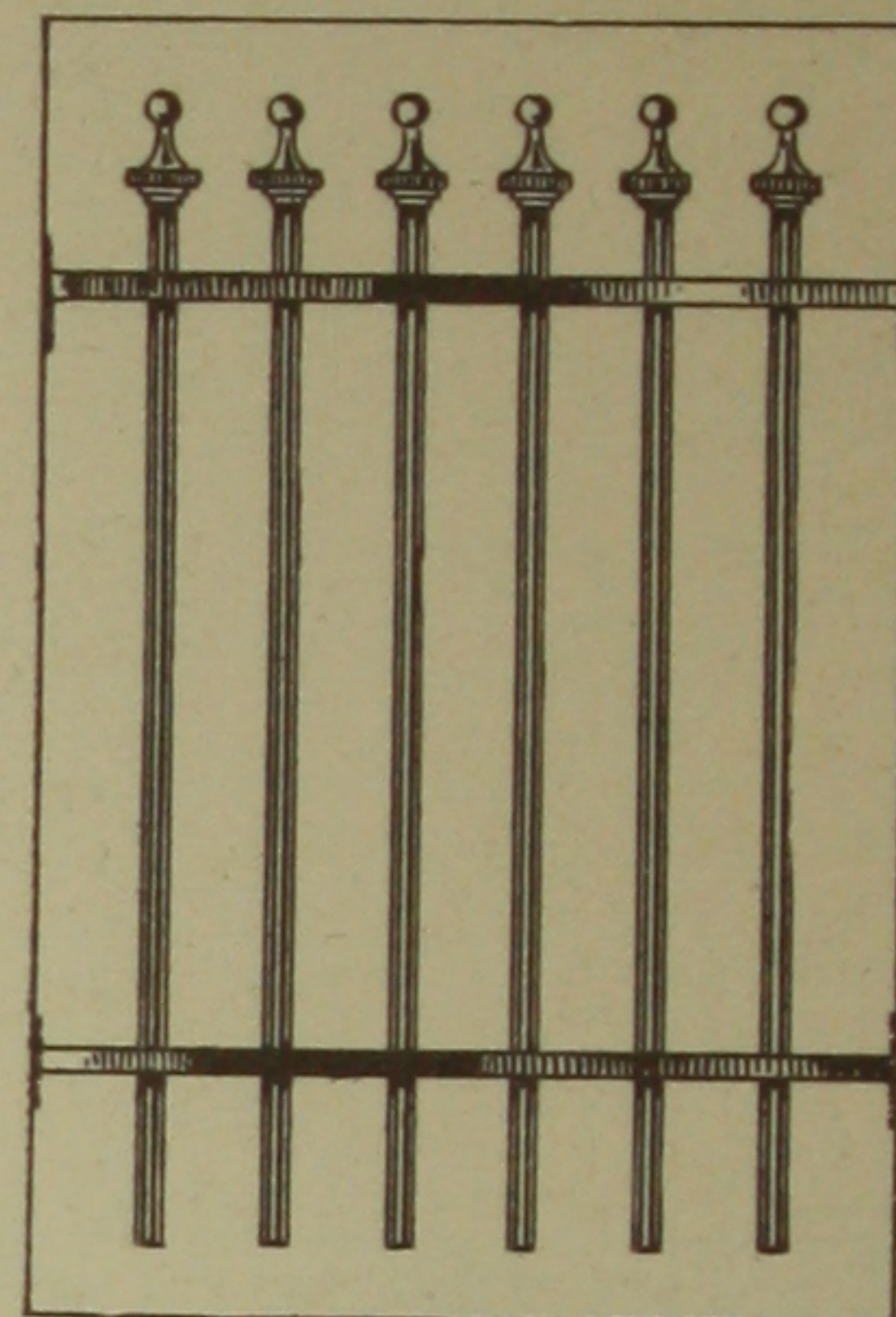
STANDARD BRONZE GRILLES FOR MAUSOLEUMS



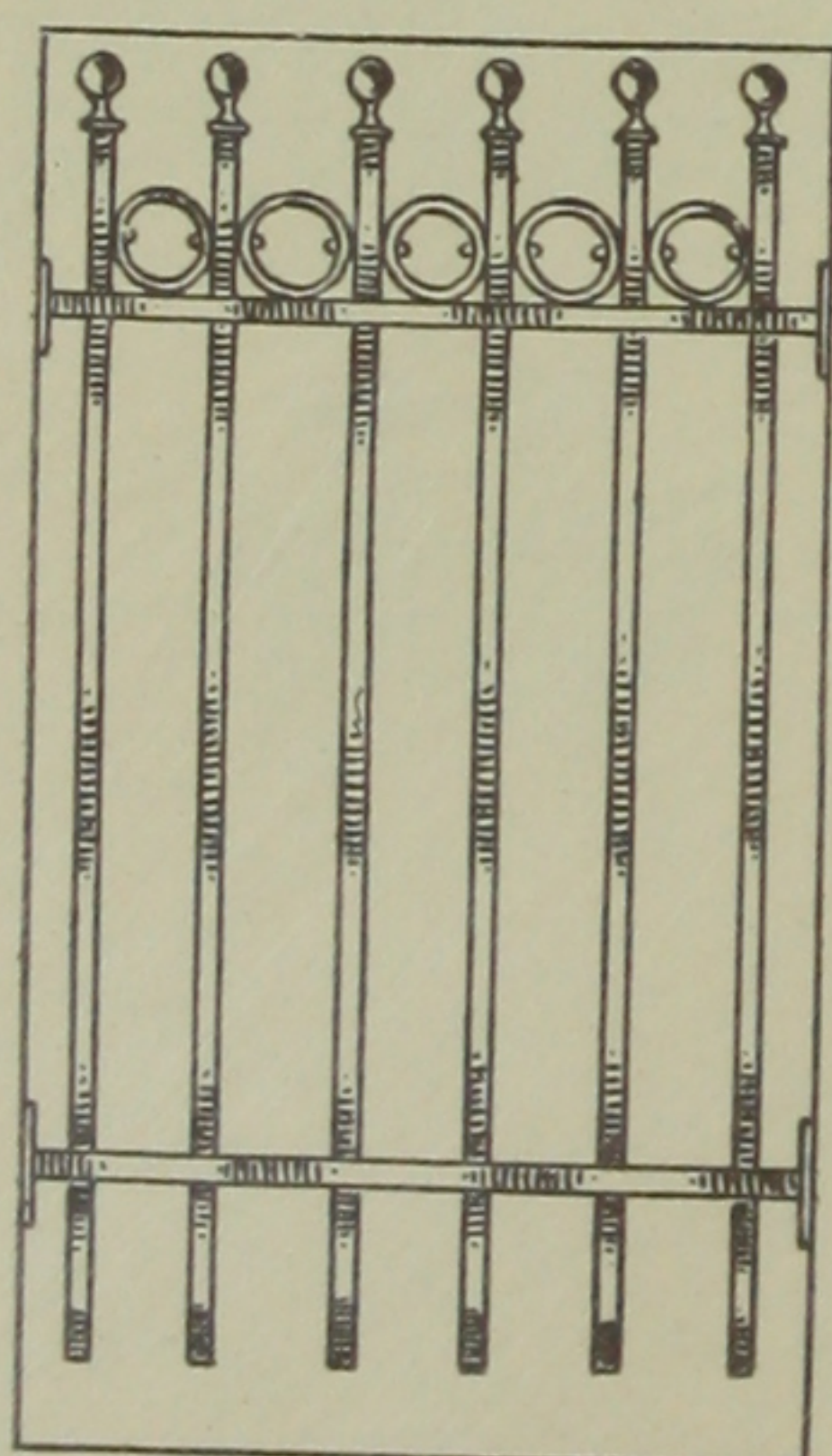
Vulcan  
Illustration  
No. 1361



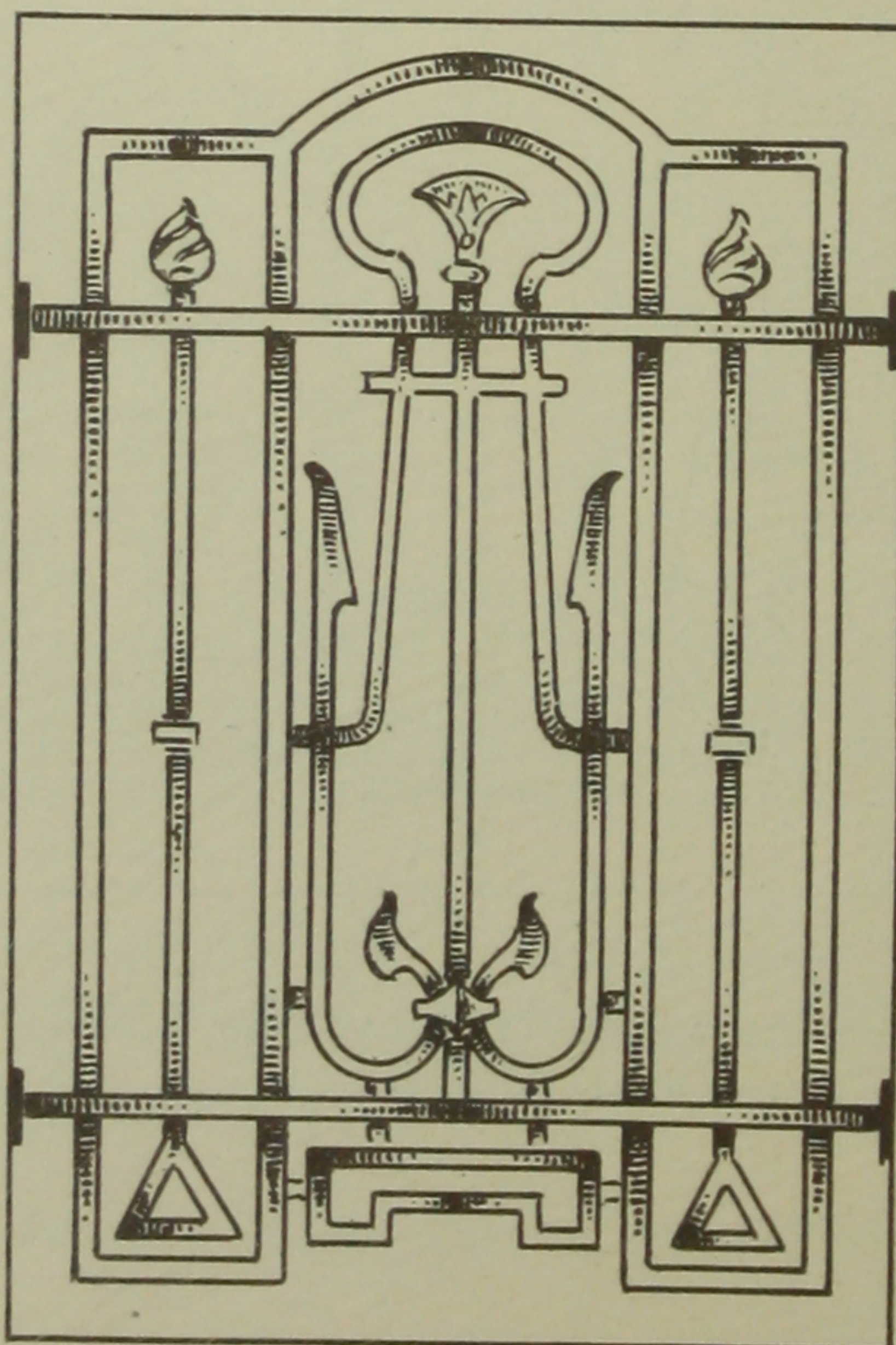
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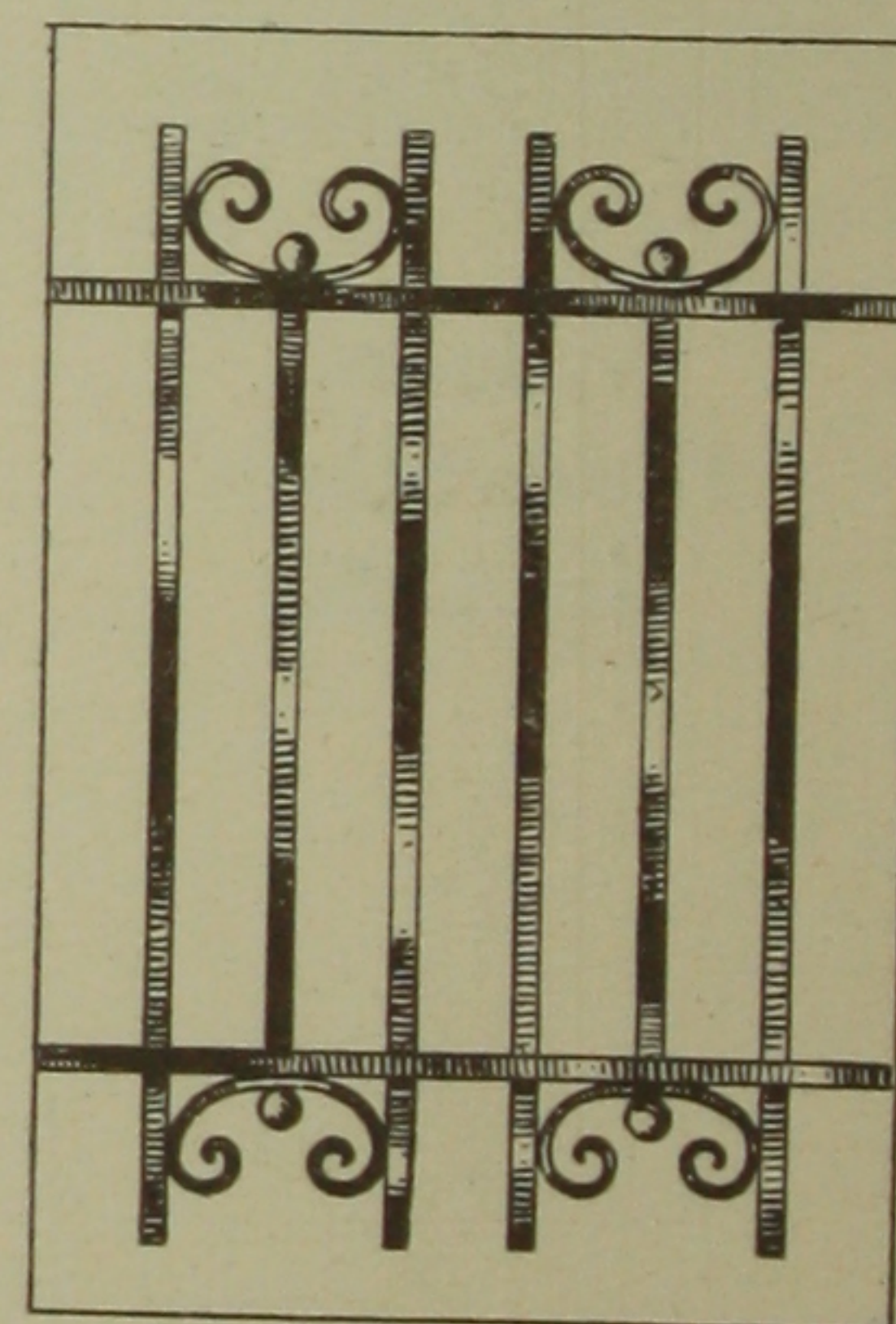
Vulcan  
Illustration  
No. 1363



Vulcan  
Illustration  
No. 1364



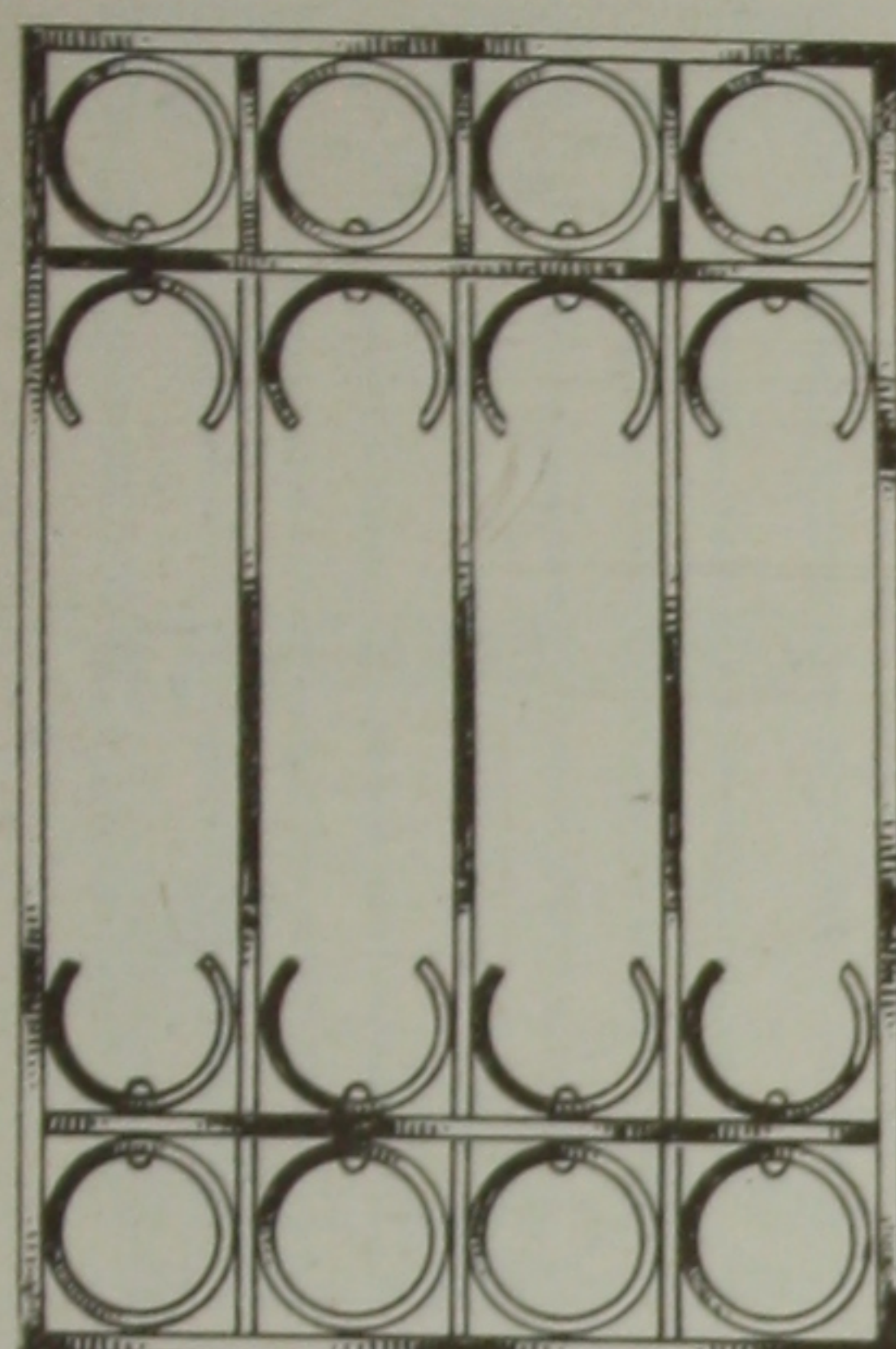
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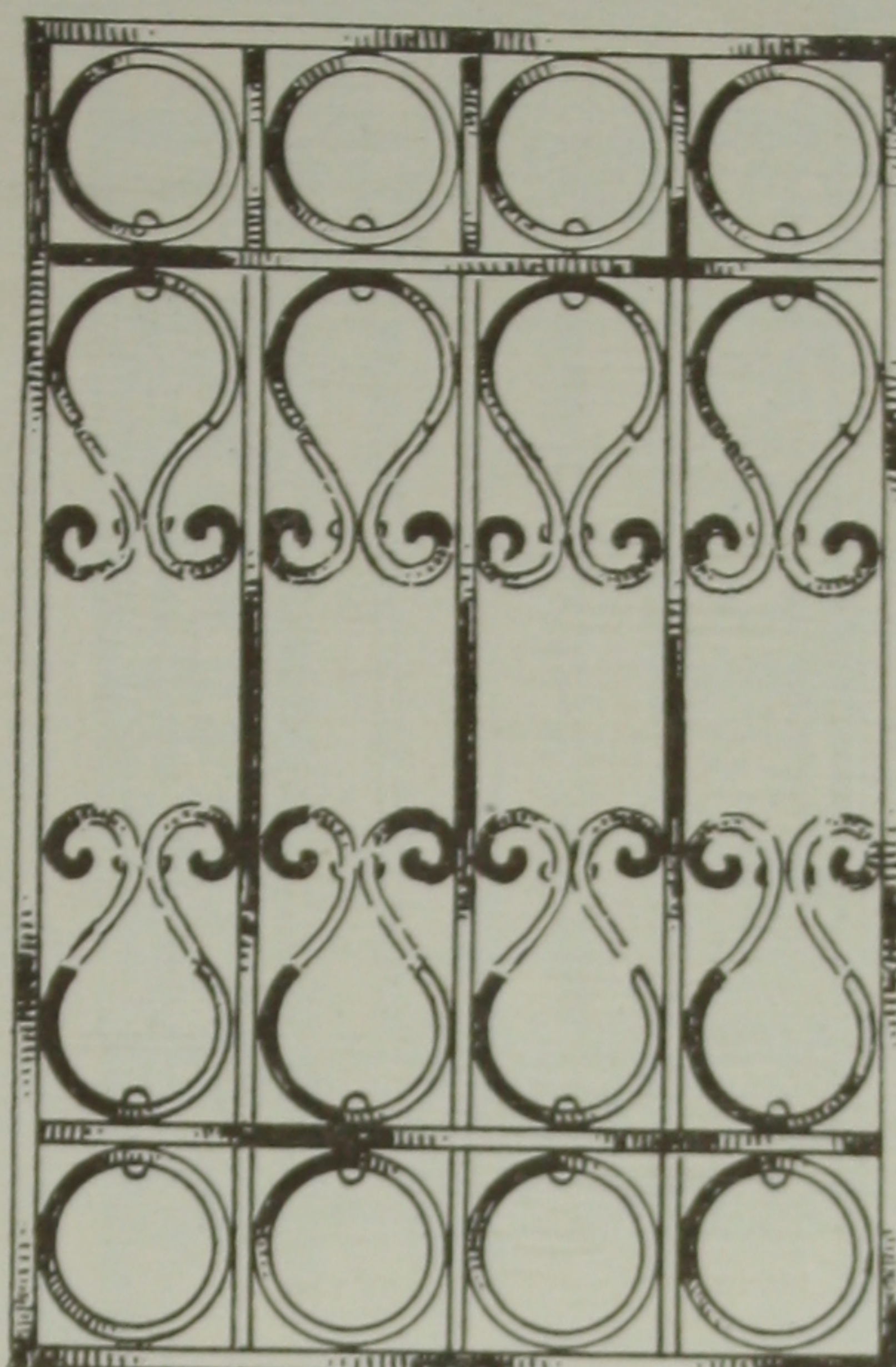
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Illustration  
No. 1366



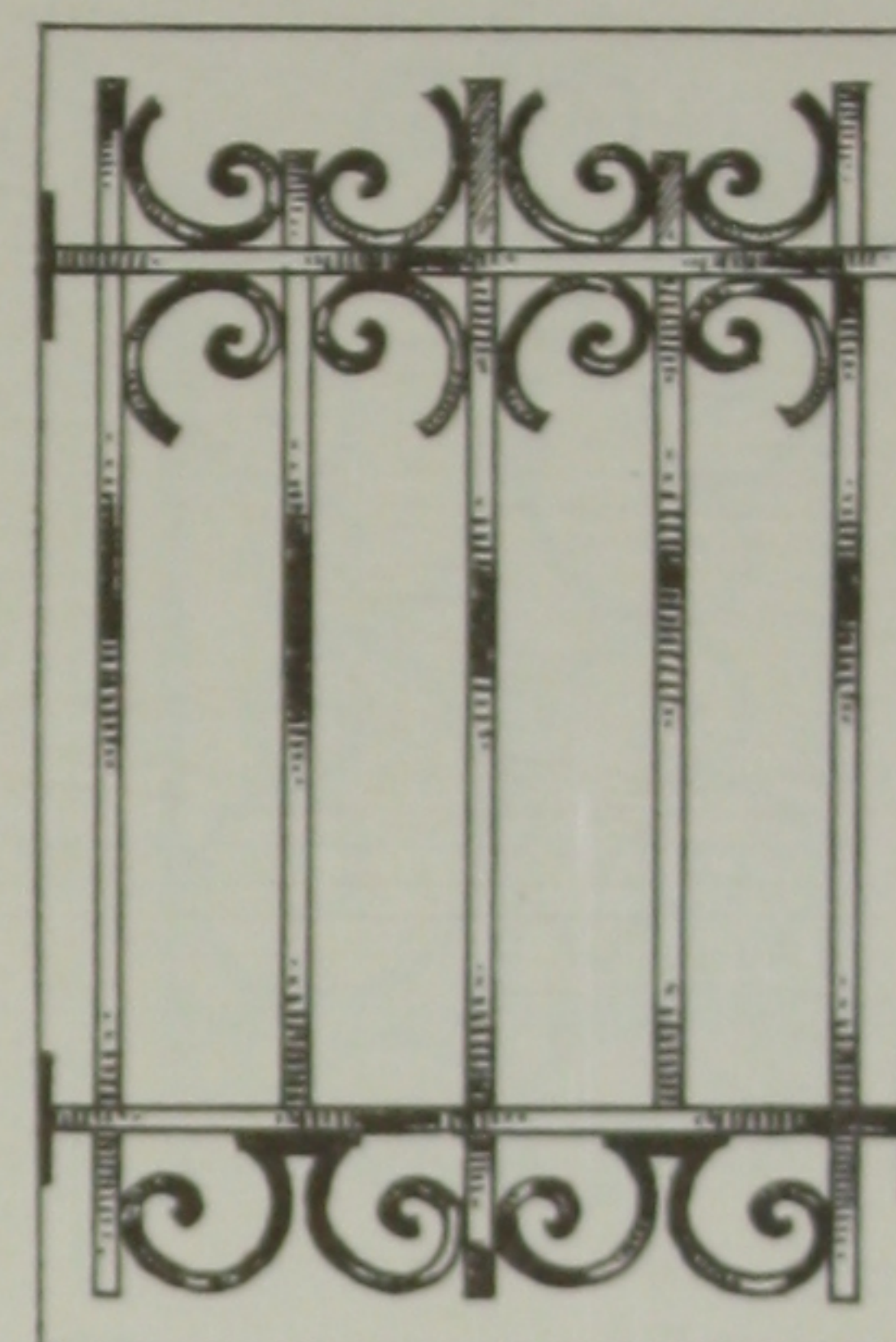
STANDARD BRONZE GRILLES FOR MAUSOLEUMS



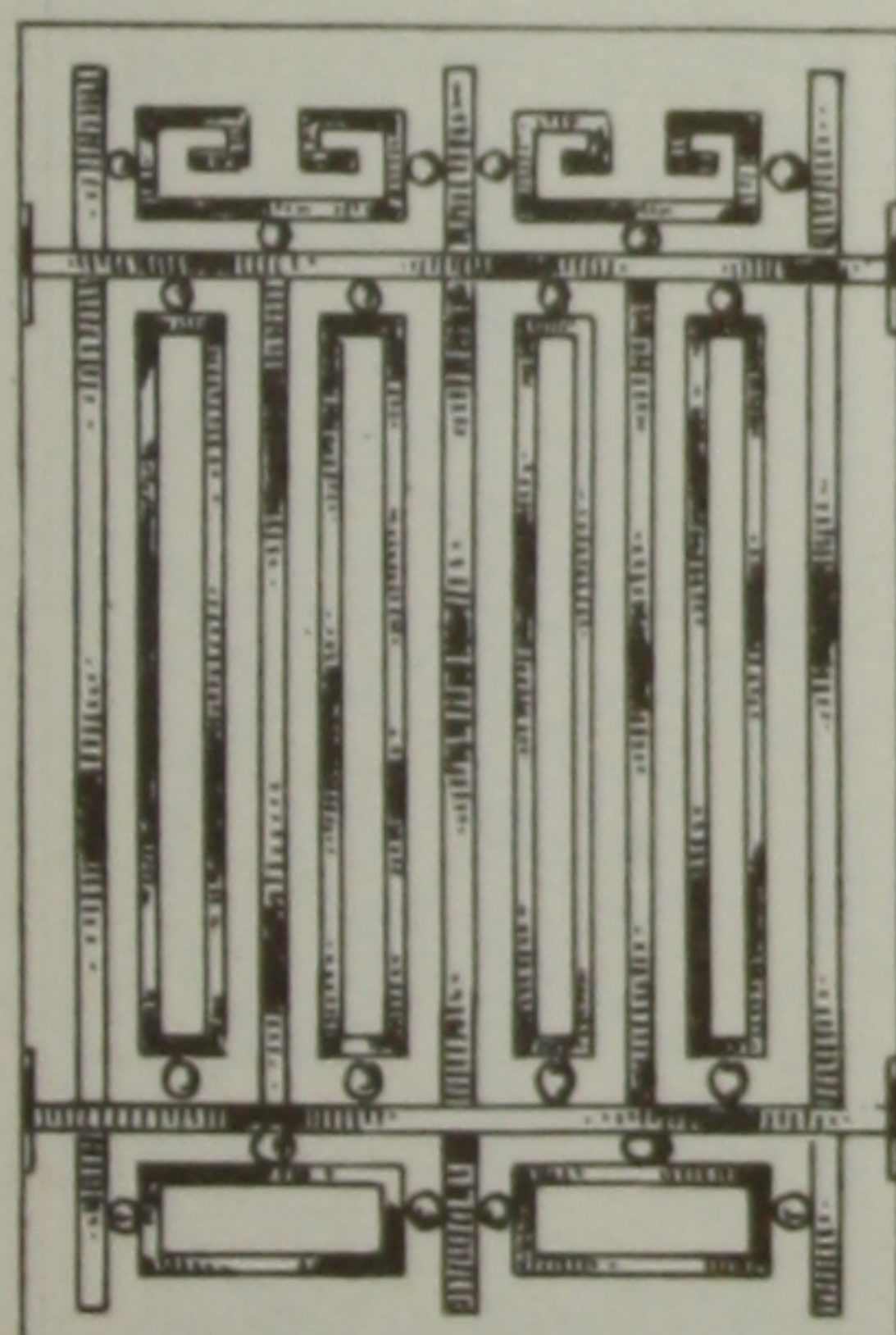
Vulcan  
Illustration  
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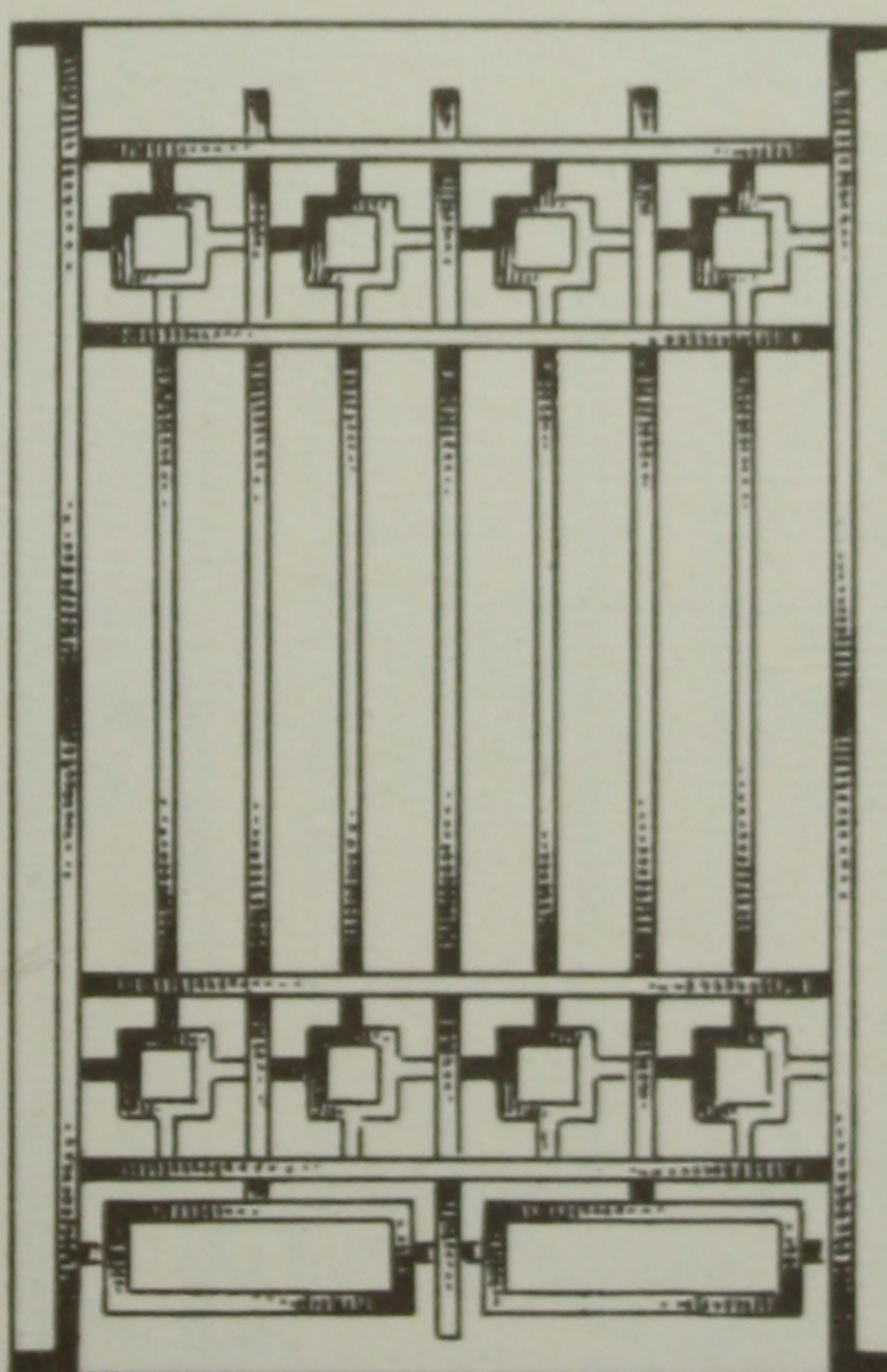
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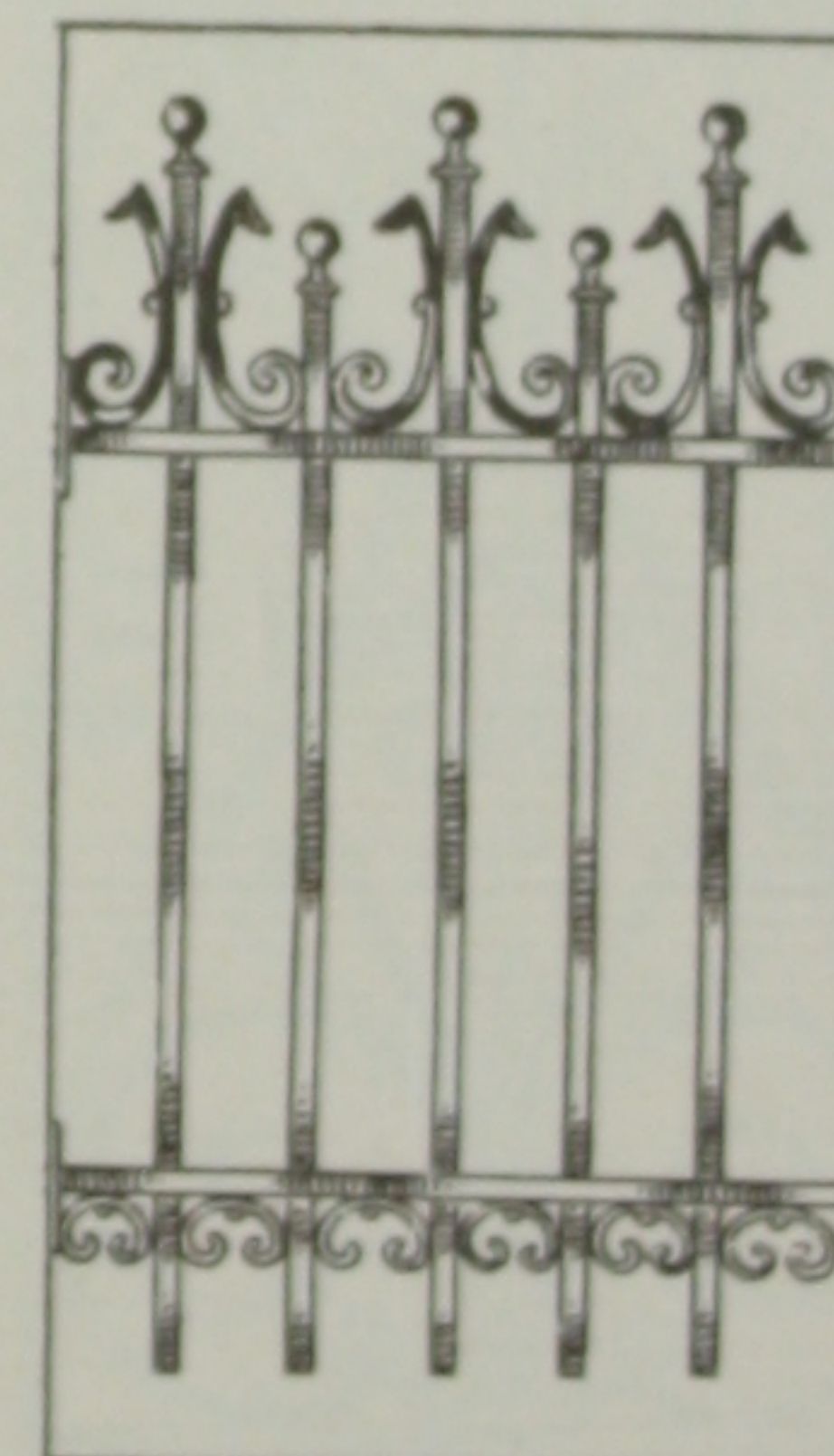
Vulcan  
Illustration  
No. 1369



Vulcan  
Illustration  
No. 1370



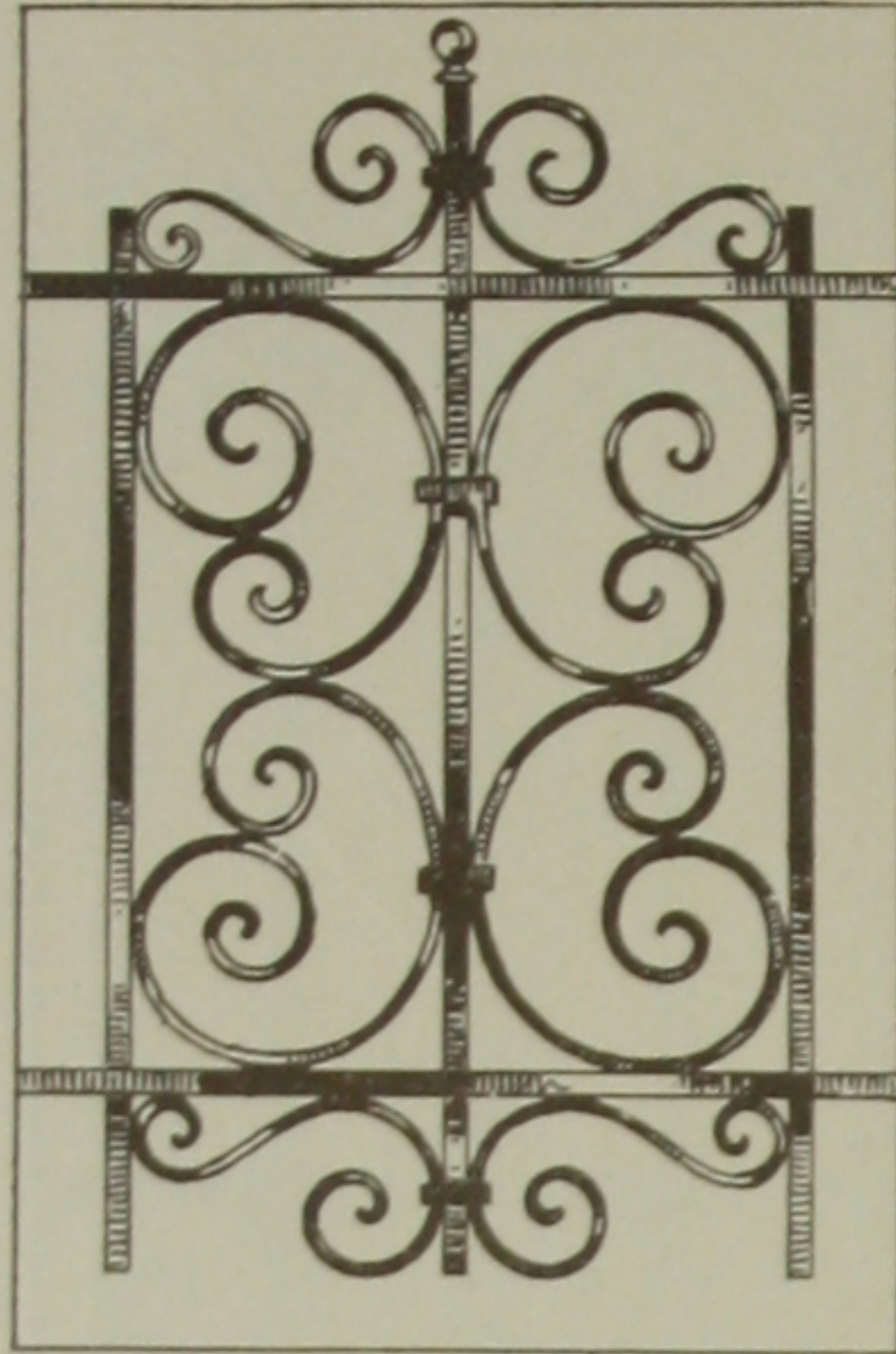
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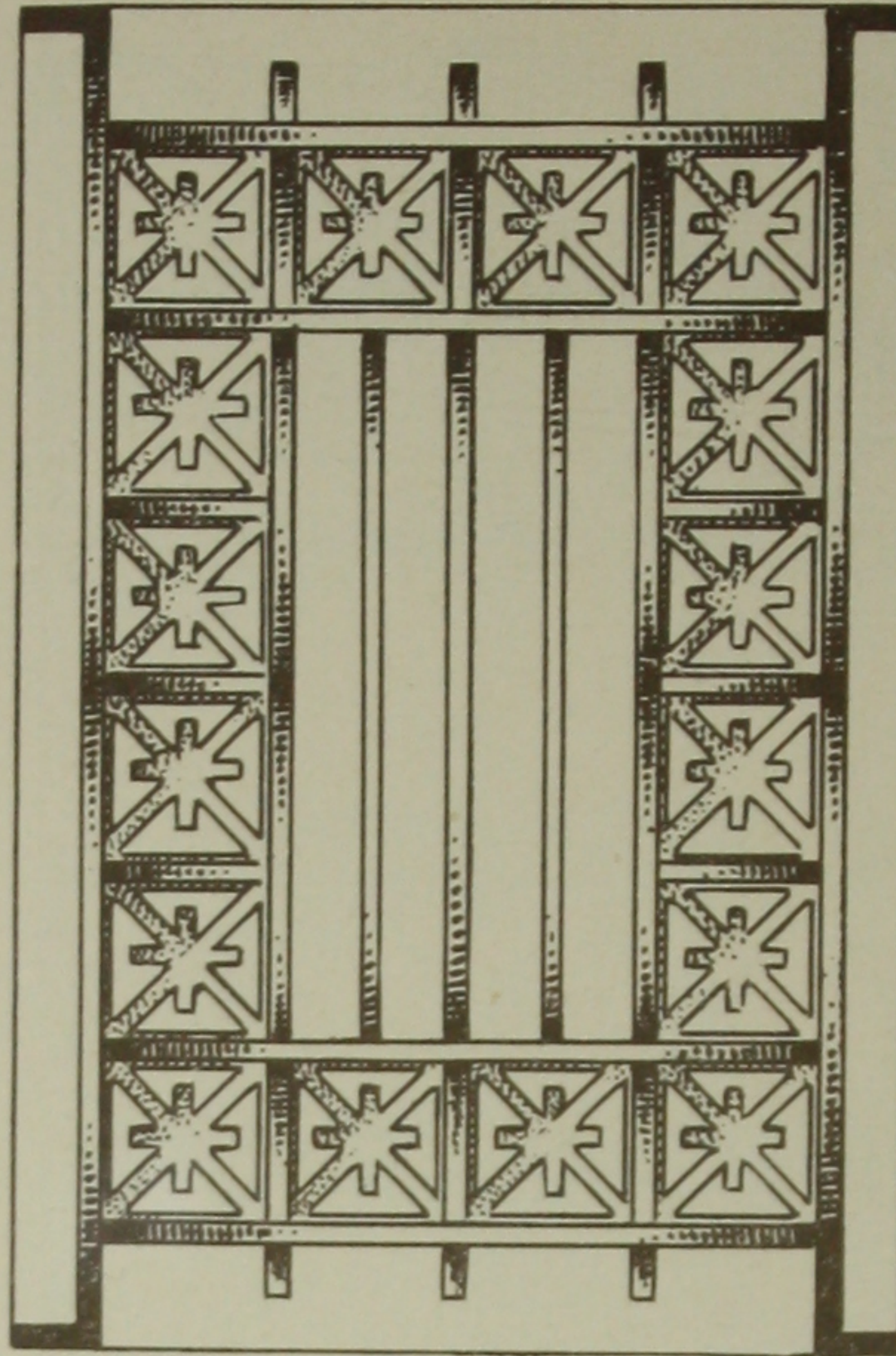
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Illustration  
No. 1372



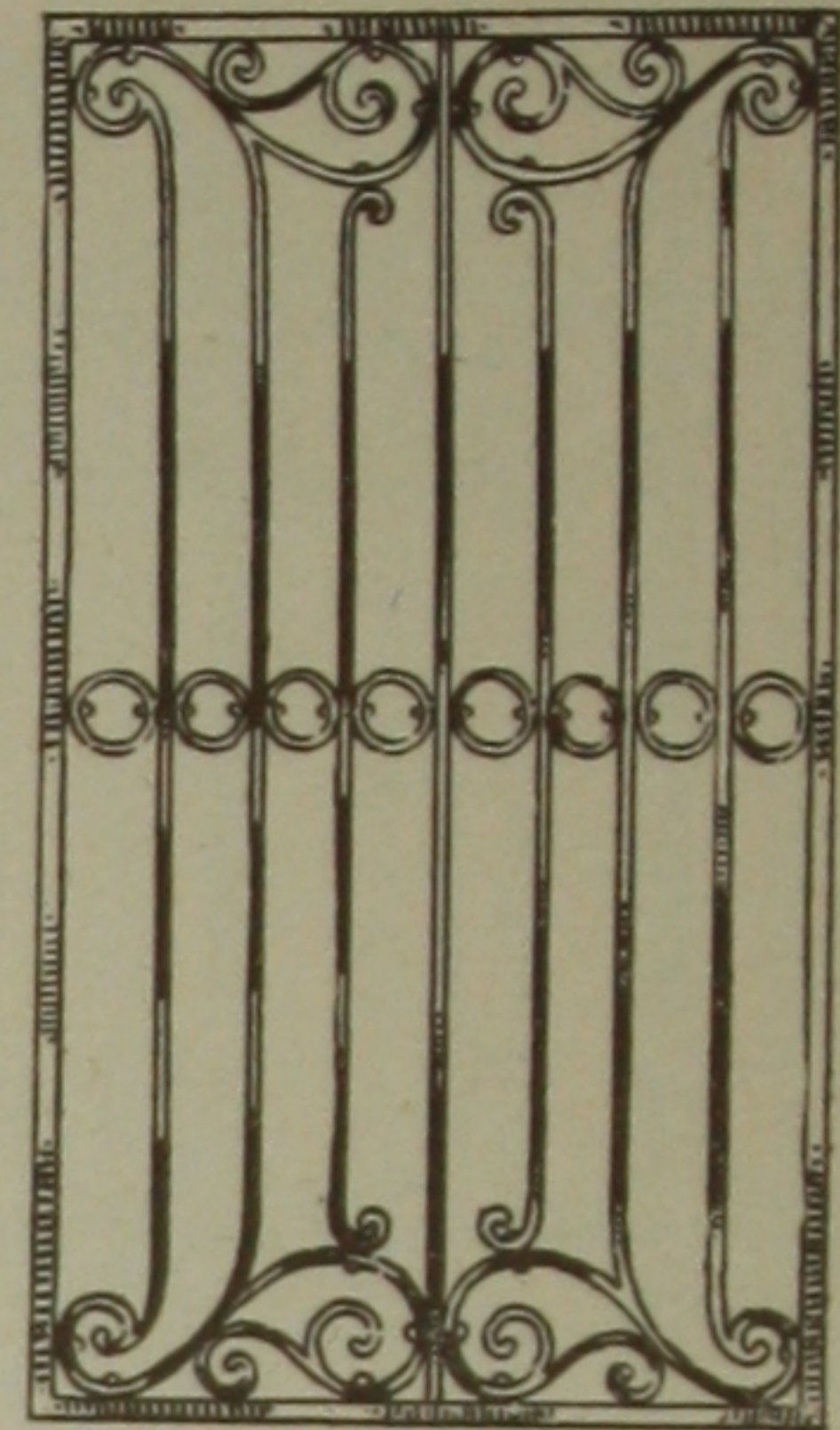
STANDARD BRONZE GRILLES FOR MAUSOLEUMS



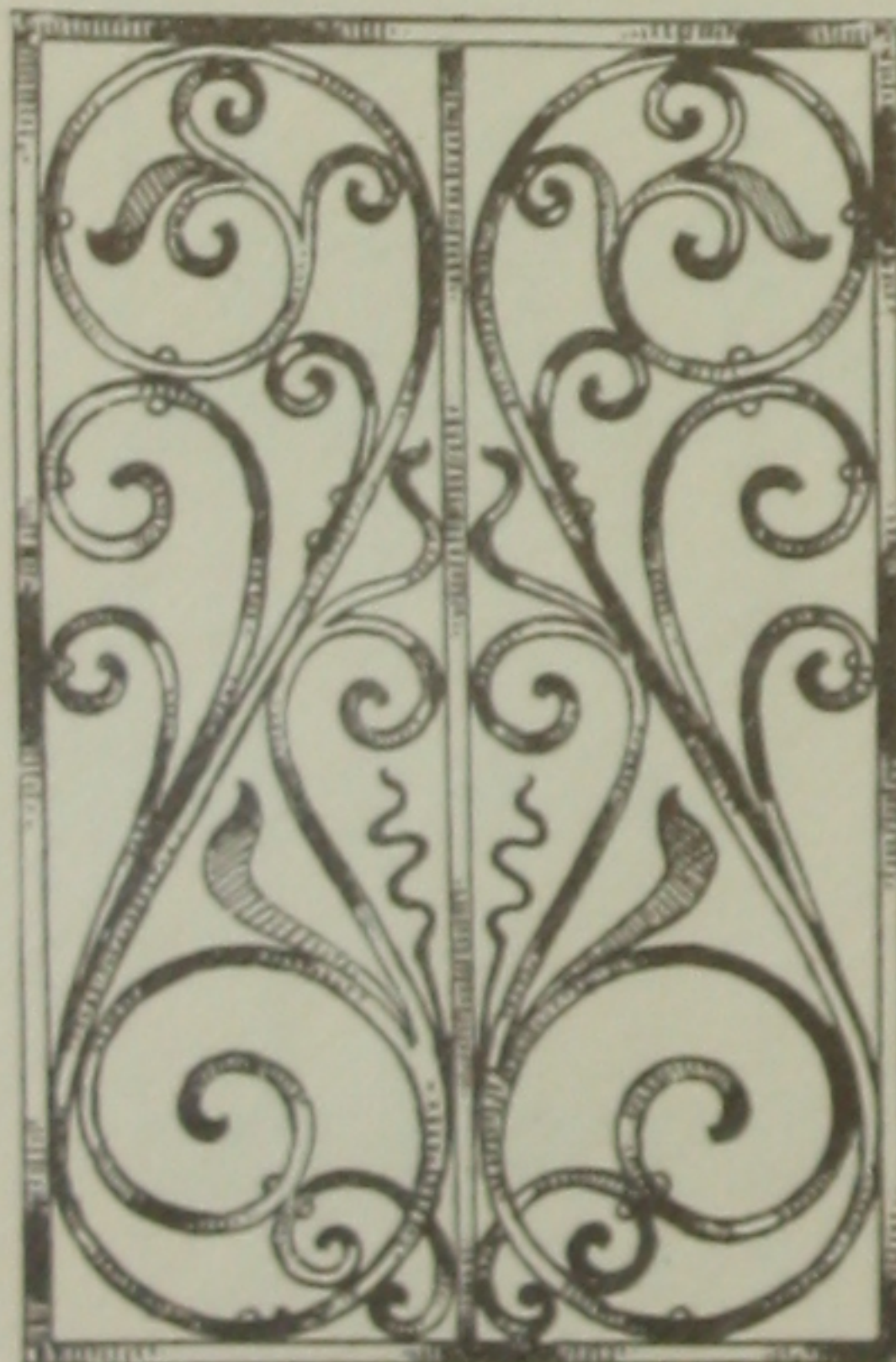
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Illustration  
No. 1373



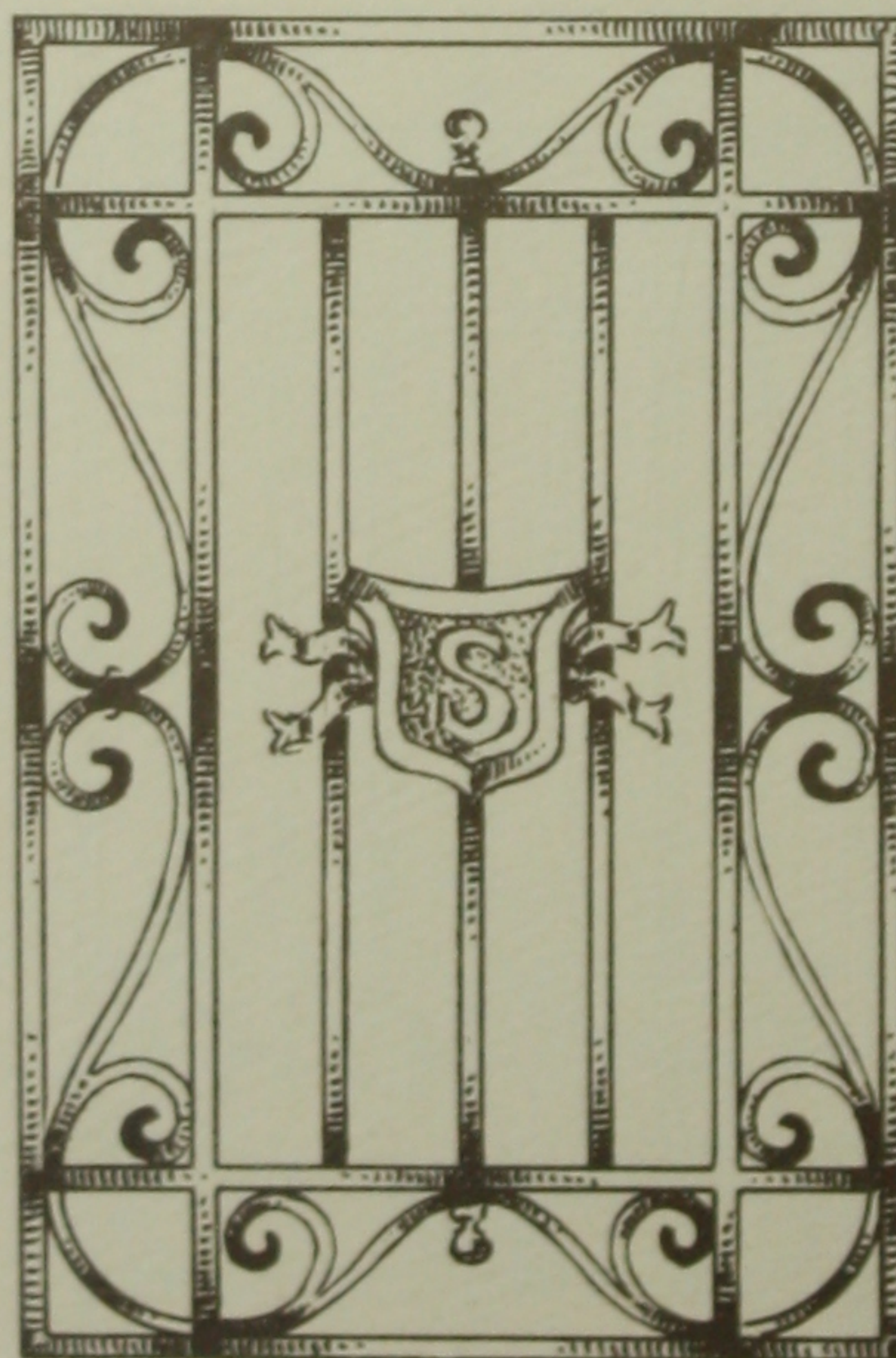
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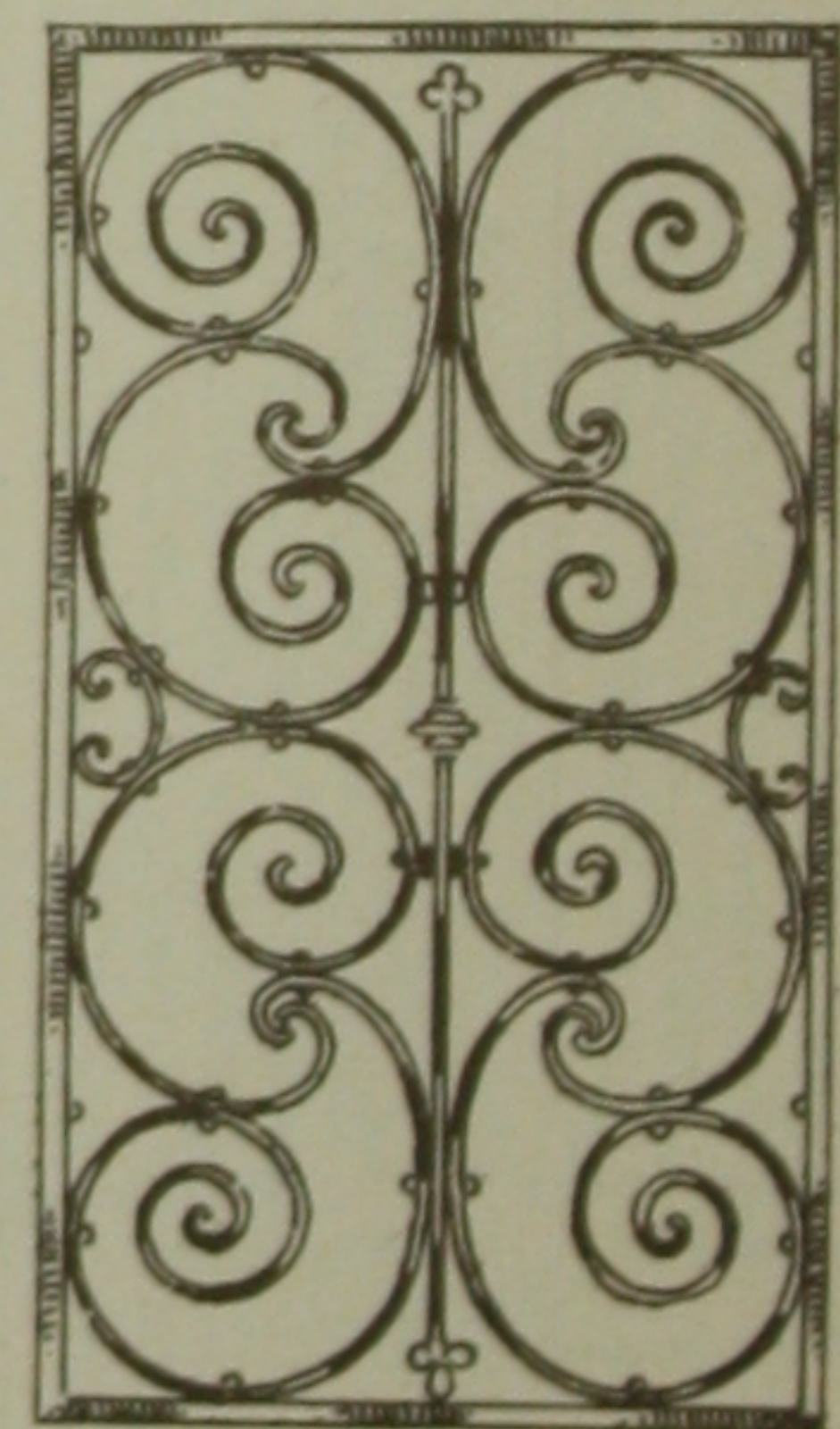
Vulcan  
Illustration  
No. 1375



Vulcan  
Illustration  
No. 1376



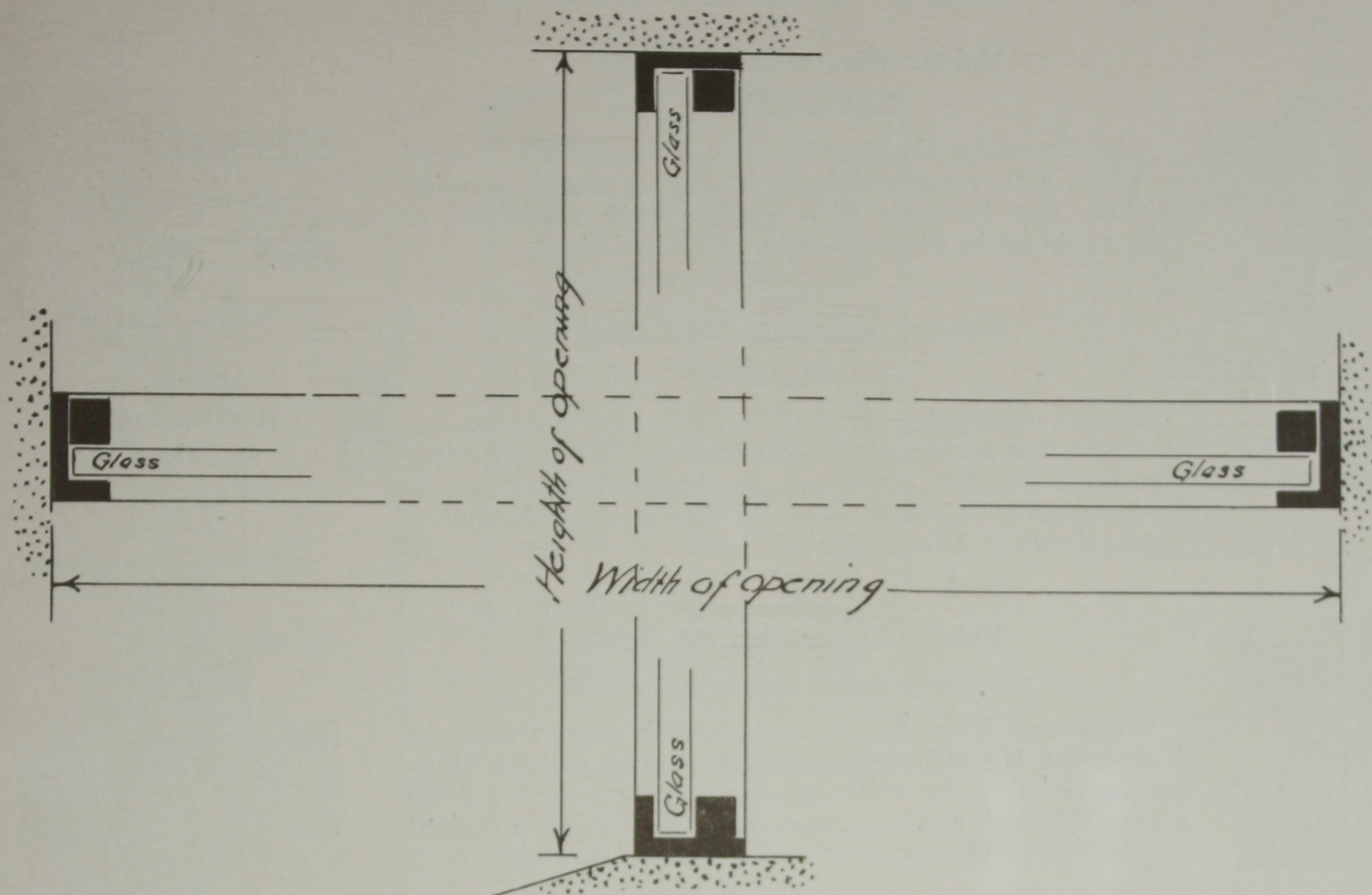
Vulcan Illustration No. 1377



Vulcan  
Illustration  
No. 1378



**STANDARD BRONZE FRAMES FOR ART GLASS WINDOWS**



**Vulcan Illustration No. 1379**

See Illustration No. 1381 for Full Size Section.



**Vulcan Illustration No. 1380**

See Illustration No. 1382 for Full Size Section.

**Vulcan Illustration No. 1379**

This illustration shows the most commonly used frame for glass and the setting of same, also the measurements required in asking for prices and ordering. Removable stops so glass can be set after frame is in position. Held in place with countersunk screws set in lead expansion shields.

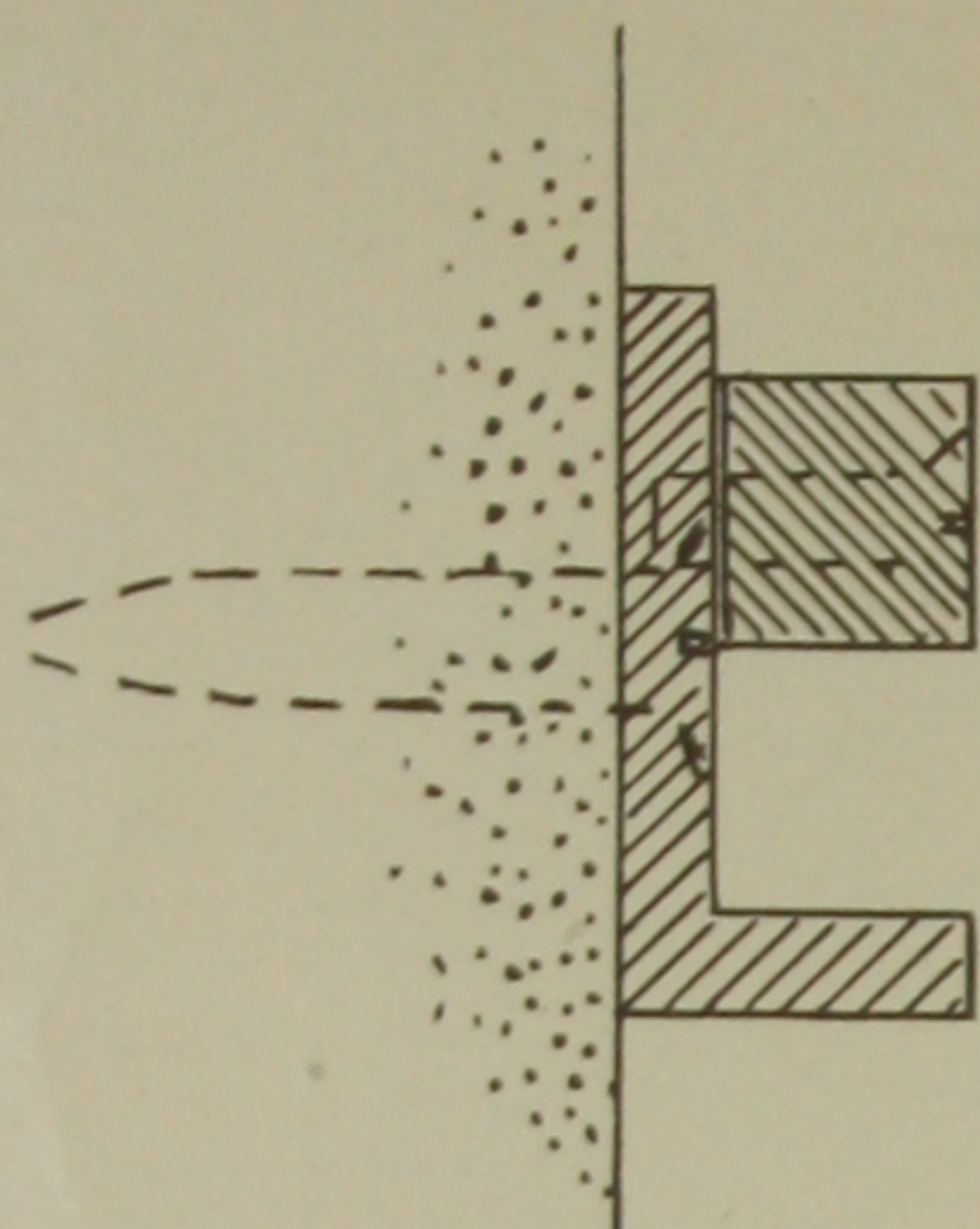
**Vulcan Illustration No. 1380**

This illustration shows our special ventilating frame. All ventilating openings covered with bronze gauze. Held in place with countersunk screws set in lead expansion shields.



## STANDARD BRONZE FRAMES FOR ART GLASS WINDOWS

Illustrations show Full Size Sections of Frames.



**Vulcan  
Illustration  
No. 1381**

### **Vulcan Illustration No. 1381**

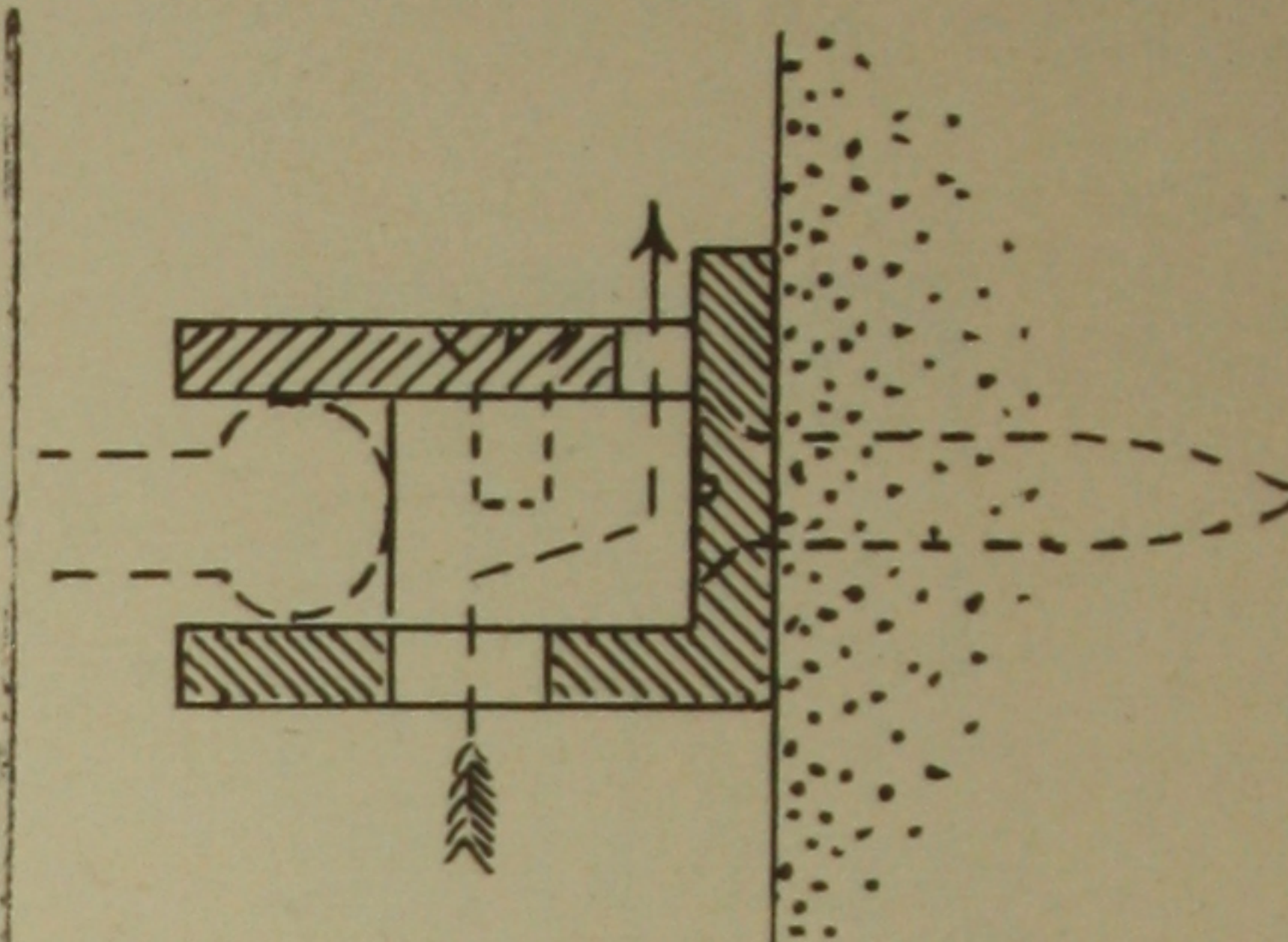
Stationary Frame

This illustrates the most commonly used frame. Held in place with countersunk screws set in lead expansion shields. Can be made with weather strip of channel or solid as shown in Illustration No. 1386 if desired.

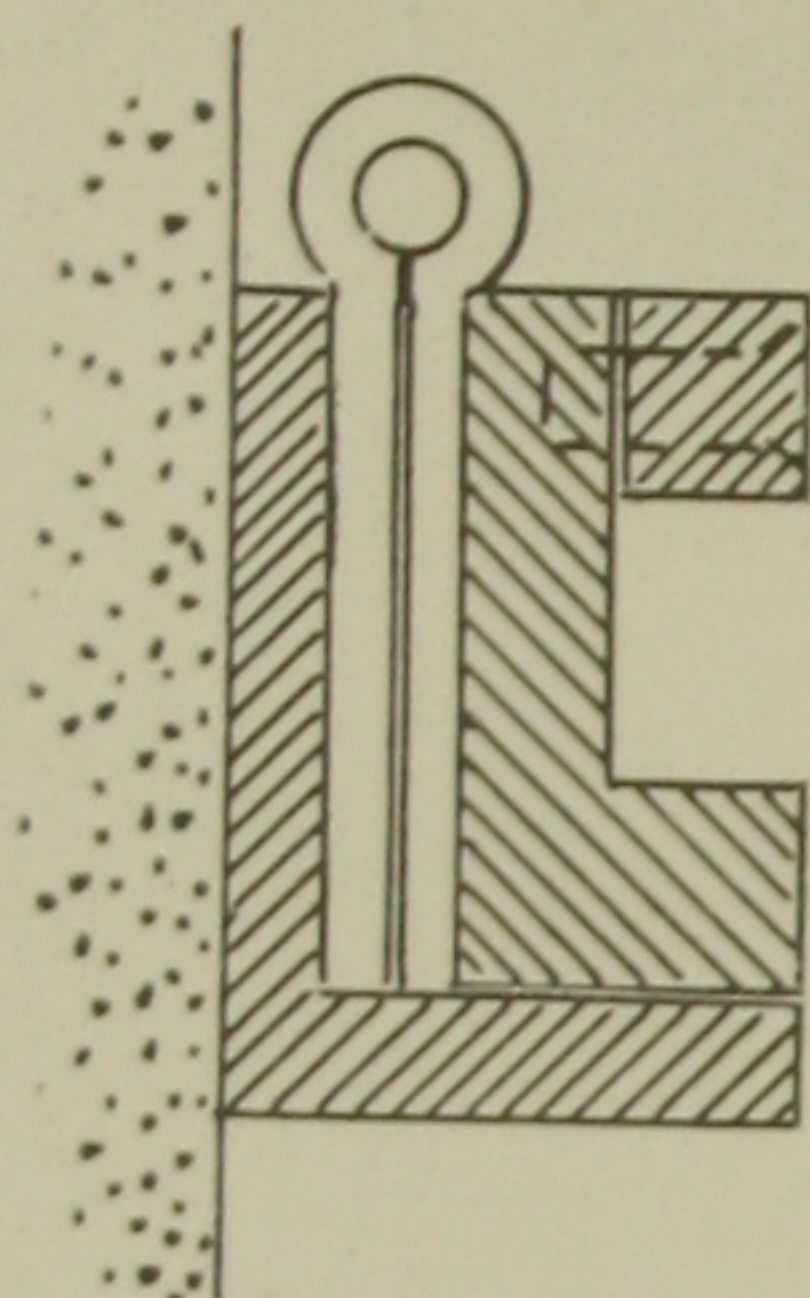
### **Vulcan Illustration No. 1382**

Ventilating Frame

Special ventilating frame having small openings as shown in this section and in Illustration No. 1380 showing elevation. Held in place with countersunk screws set in lead expansion shields or with weather strip of channel or flat as shown in Illustration No. 1386.



**Vulcan  
Illustration  
No. 1382**

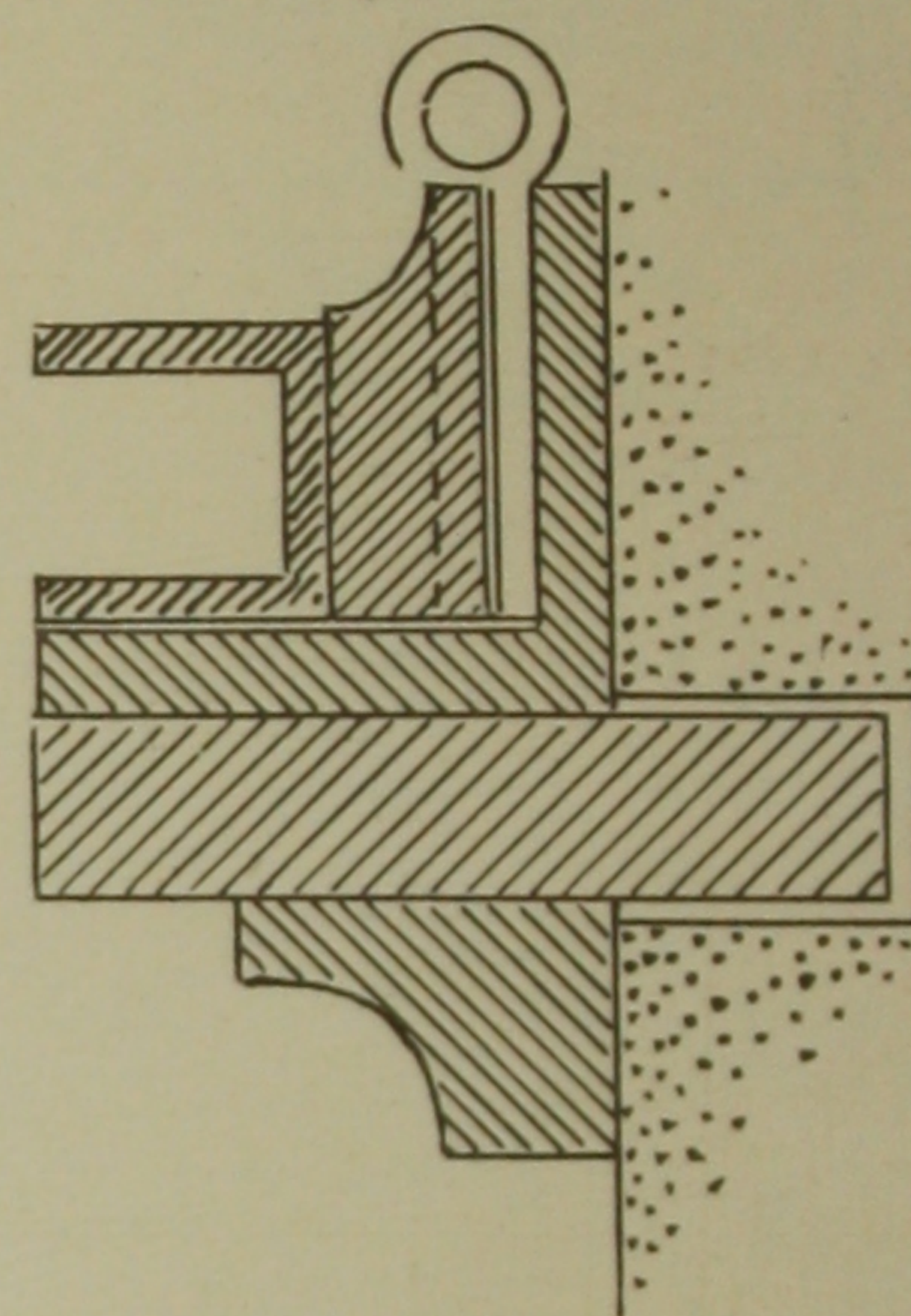
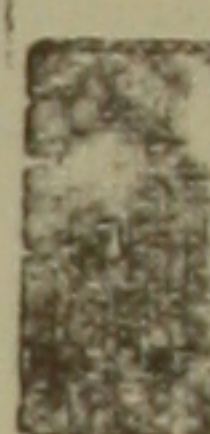


**Vulcan  
Illustration  
No. 1383**

### **Vulcan Illustration No. 1383**

Stationary Frame and Swinging Sash

Stationary frame held in place with screws same as Illustration No. 1381 or with weather strips same as Illustration No. 1386, to which is hung a separate sash for the glass. This sash can be opened when ventilation is desired and is held in place when closed with special catch.



**Vulcan  
Illustration  
No. 1384**

### **Vulcan Illustration No. 1384**

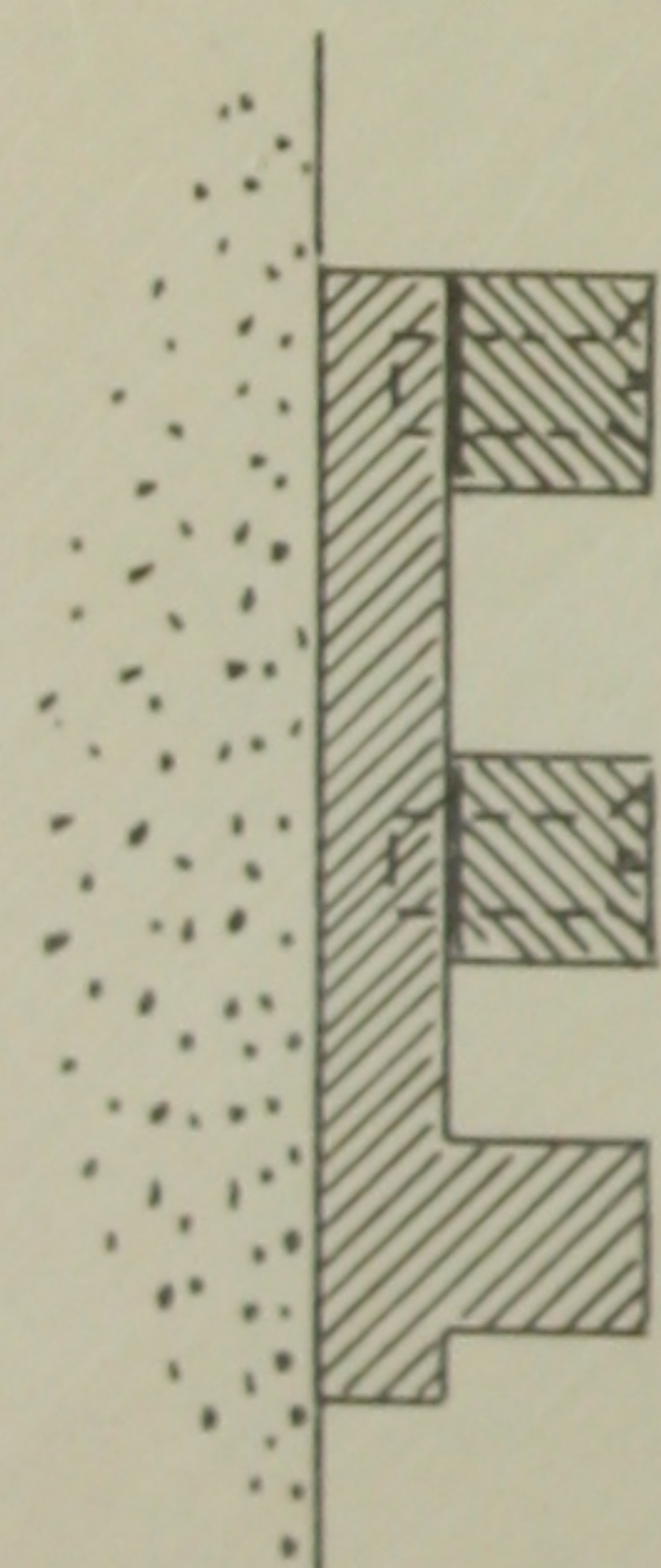
Combination Stationary Frame with Swinging Sash and Cast Grill

Swinging sash combined with stationary frame and cast window grill. Illustration shows grill frame extending into rabbet formed by the granite and marble trim. Weather strip can be omitted and setting can be as shown in Illustration No. 1381 if desired for straight jambs.

### **Vulcan Illustration No. 1385**

Stationary Frame for Double Glass

Frame for art glass and plain or wire glass in front for protection of same. Setting can be as shown in Illustrations No. 1381 or No. 1386.

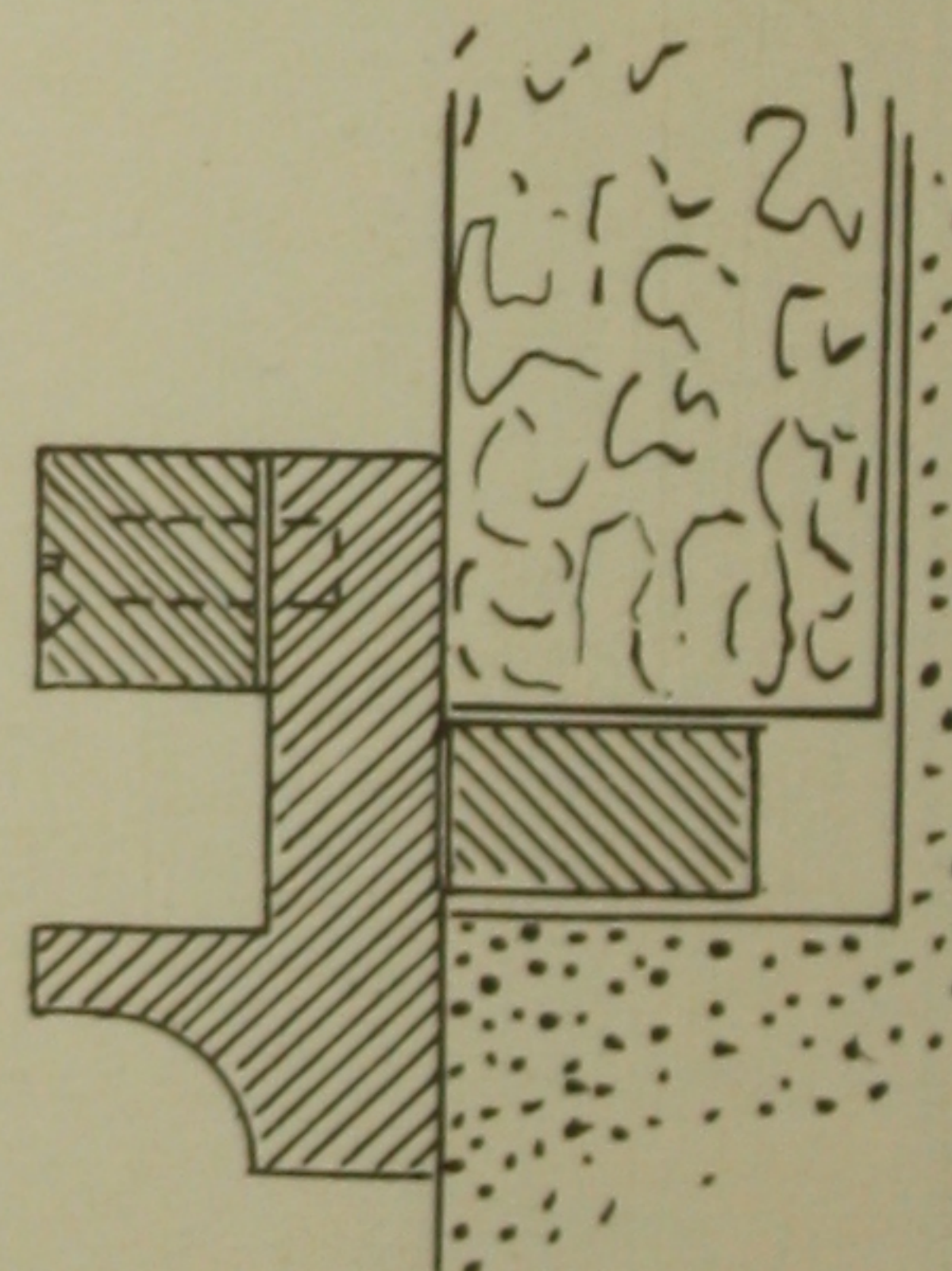


**Vulcan  
Illustration  
No. 1385**

### **Vulcan Illustration No. 1386**

Stationary Frame

Frame held in place with solid or channel weather strip. Can be set with countersunk screws same as Illustration No. 1381 if desired. The weather strip continues all around frame.



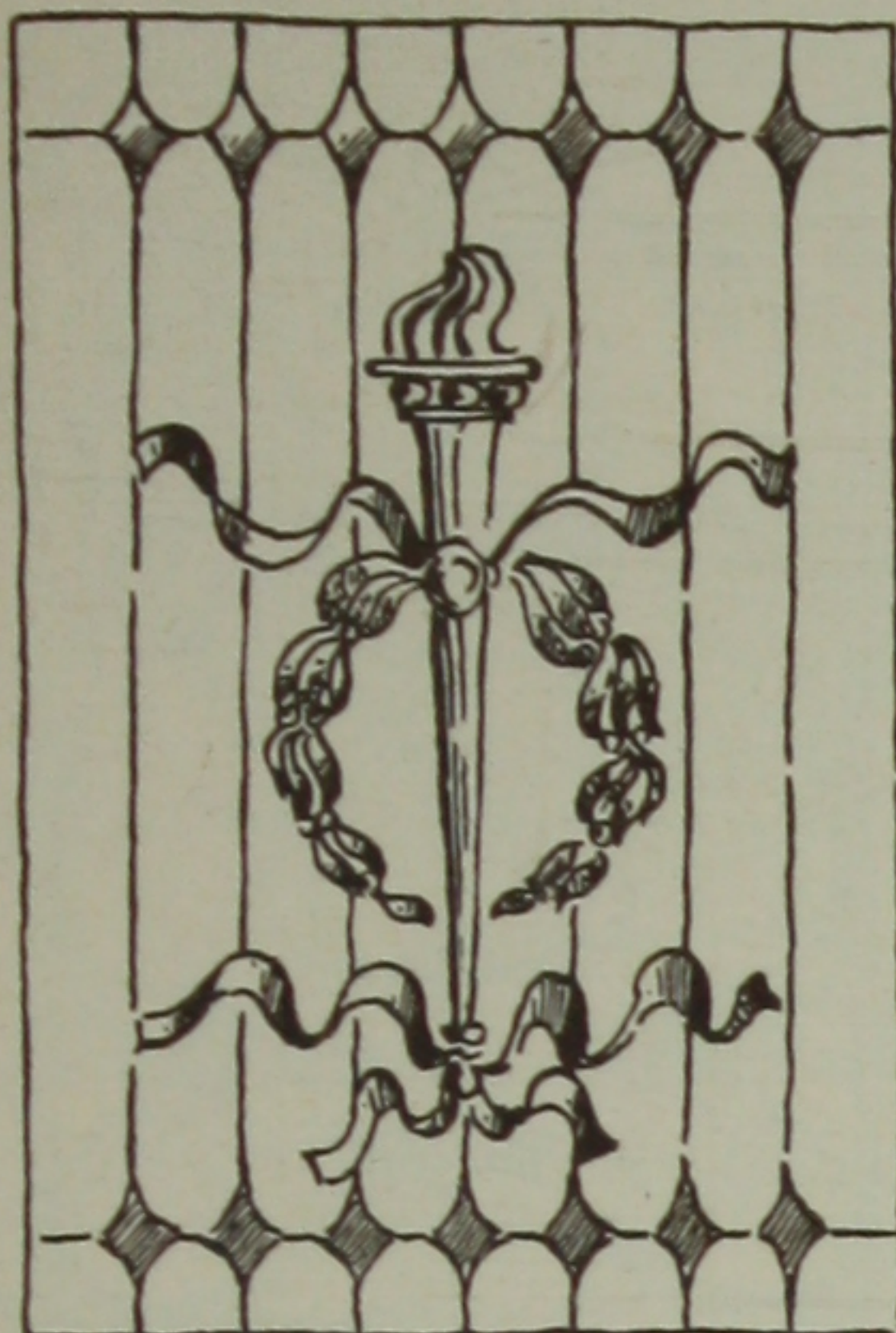
**Vulcan  
Illustration  
No. 1386**

All frames have removable stops so glass can be set in place after frames are in position. In case glass is broken it can be replaced without removing the frame or disturbing the granite and marble work.

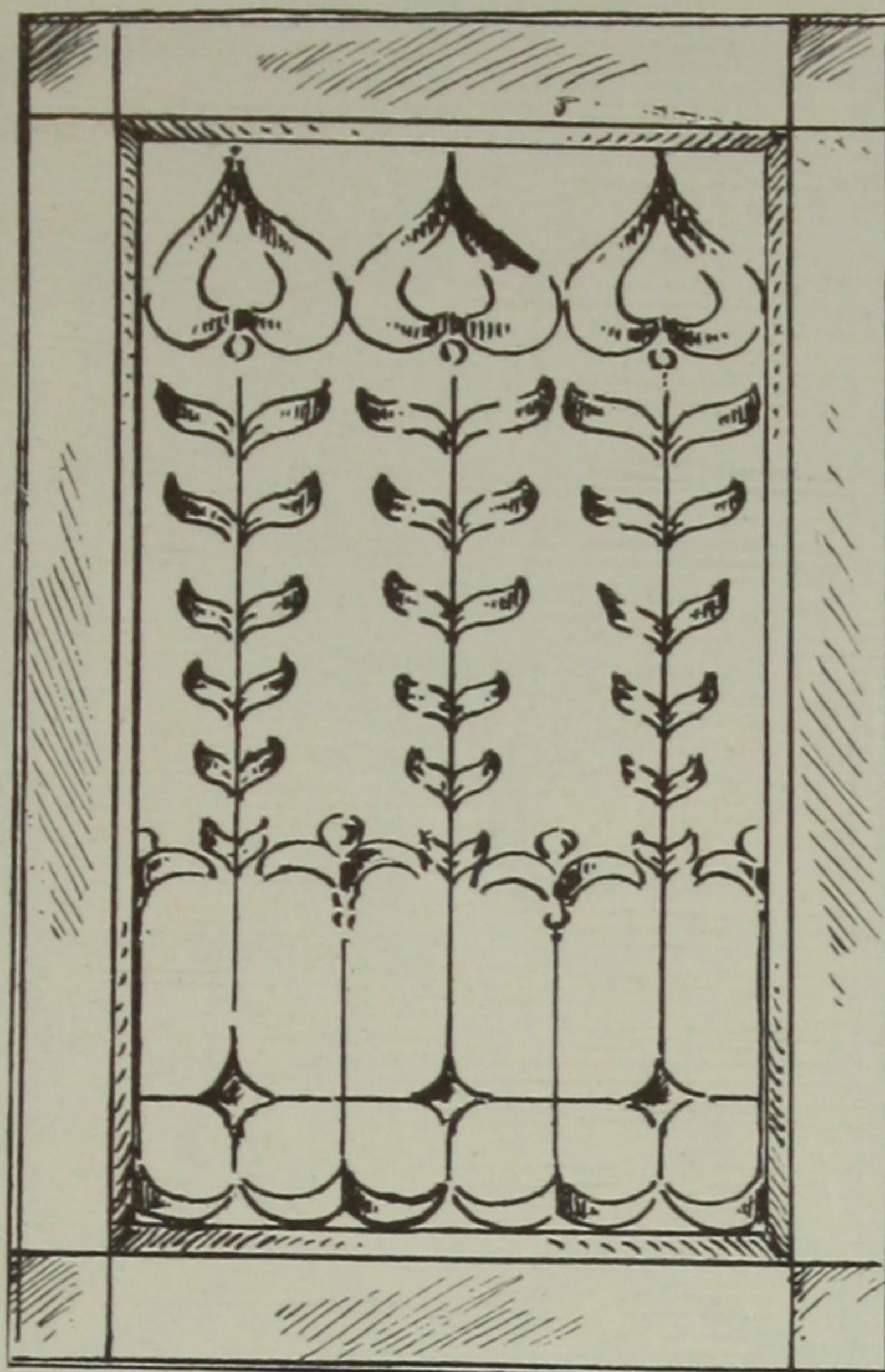


## SUGGESTIONS FOR STAINED GLASS WINDOWS

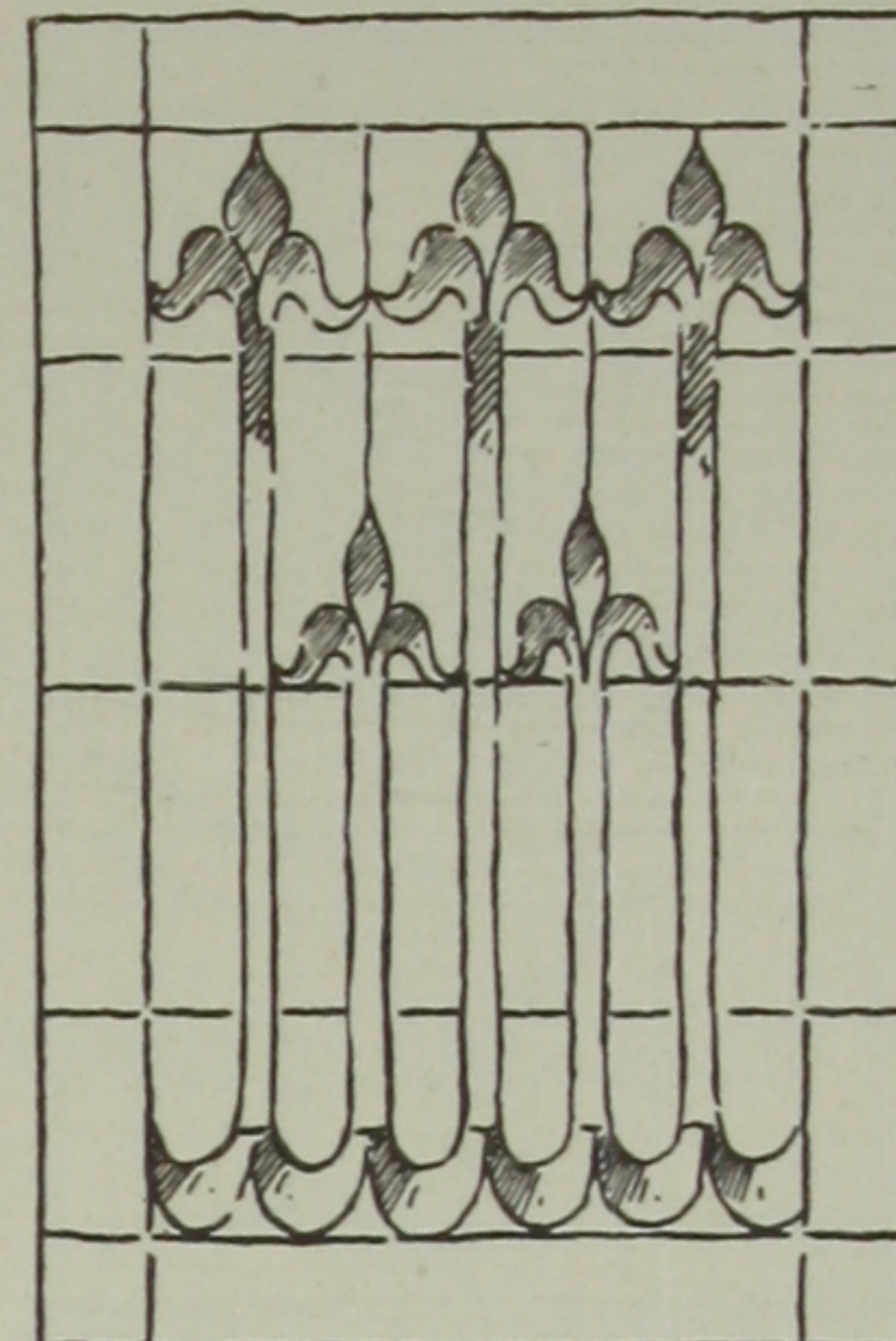
In appropriate contrasting colors. Set in lead or copper.  
See pages 35 and 36 for frames for glass.



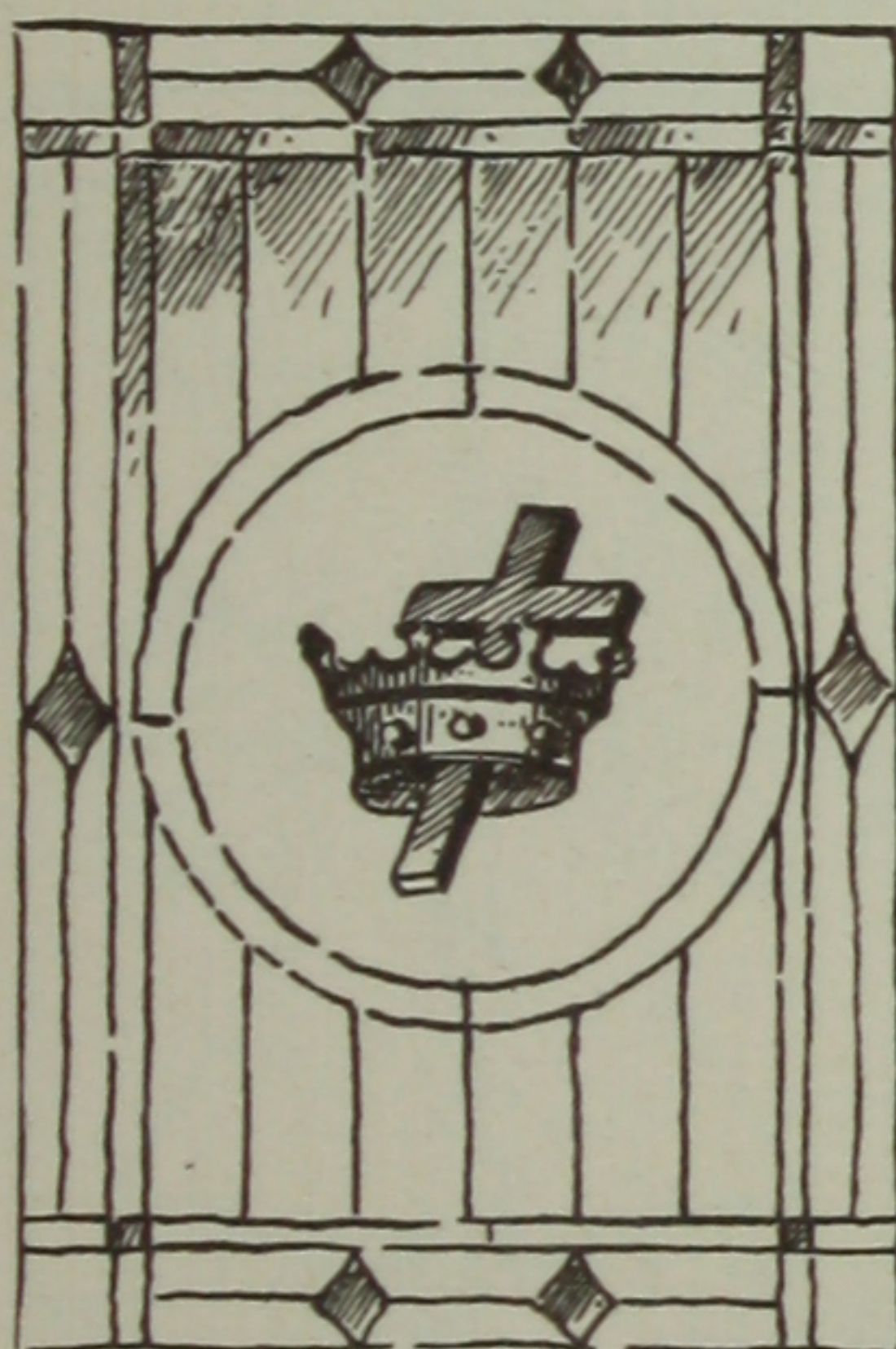
**Vulcan  
Illustration  
No. 1387**



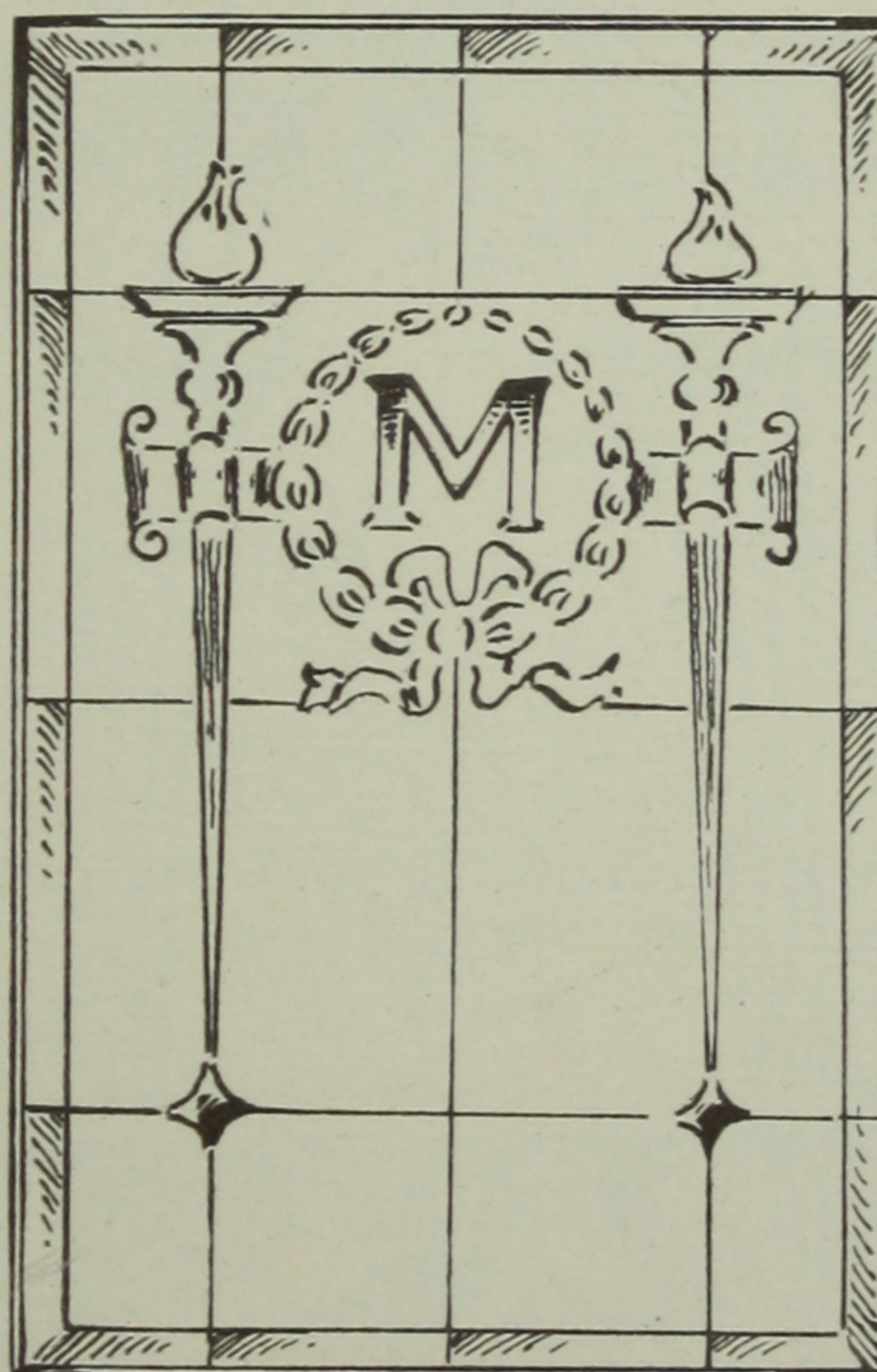
**Vulcan Illustration No. 1388**



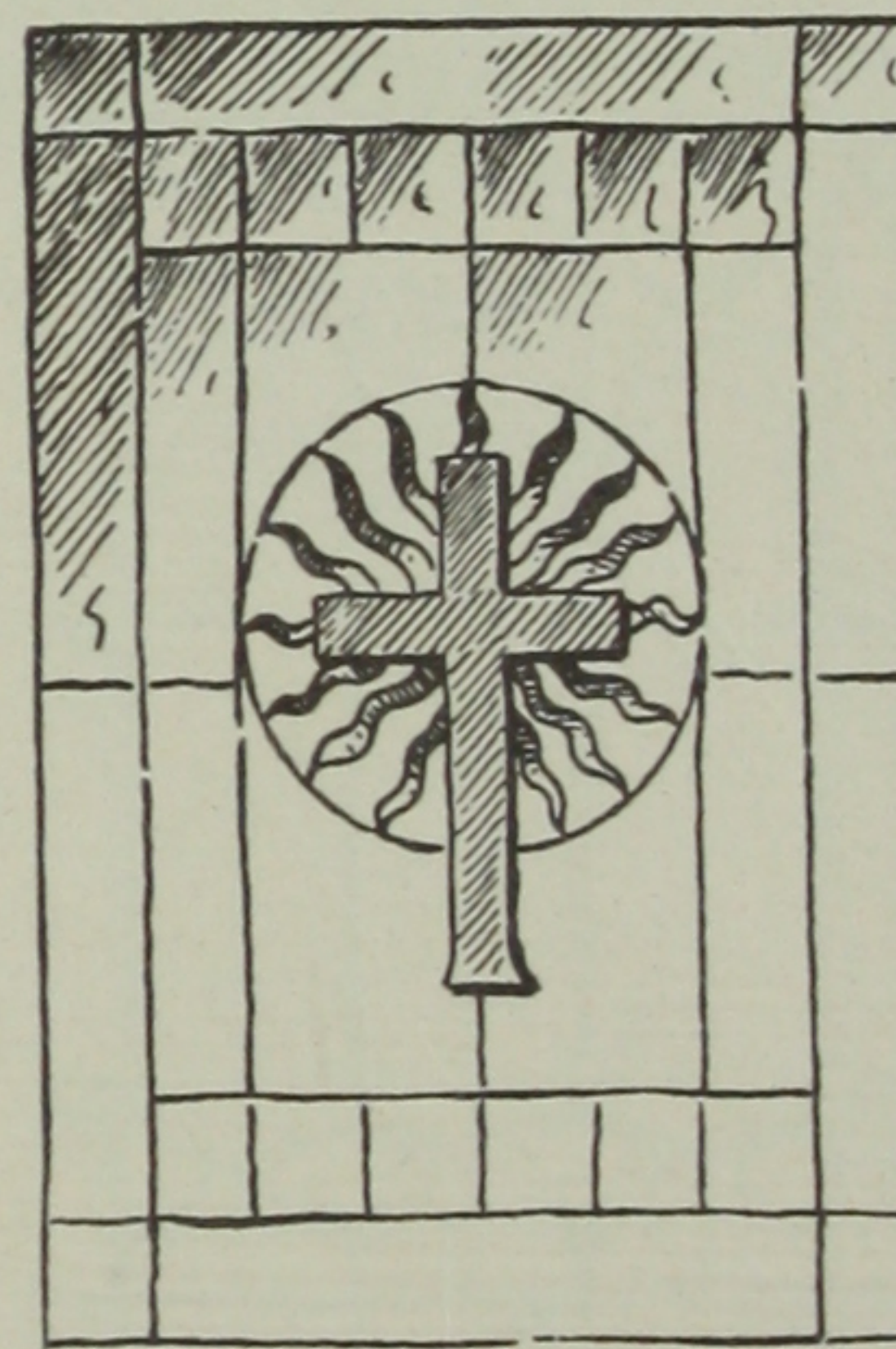
**Vulcan  
Illustration  
No. 1389**



**Vulcan  
Illustration  
No. 1390**



**Vulcan Illustration No. 1391**



**Vulcan  
Illustration  
No. 1392**

The illustrations shown above are all inexpensive, and show designs that are most commonly used. Special water-color sketches will be furnished where more expensive designs are desired. In asking prices on the more expensive work it is necessary that you specify some price limit.

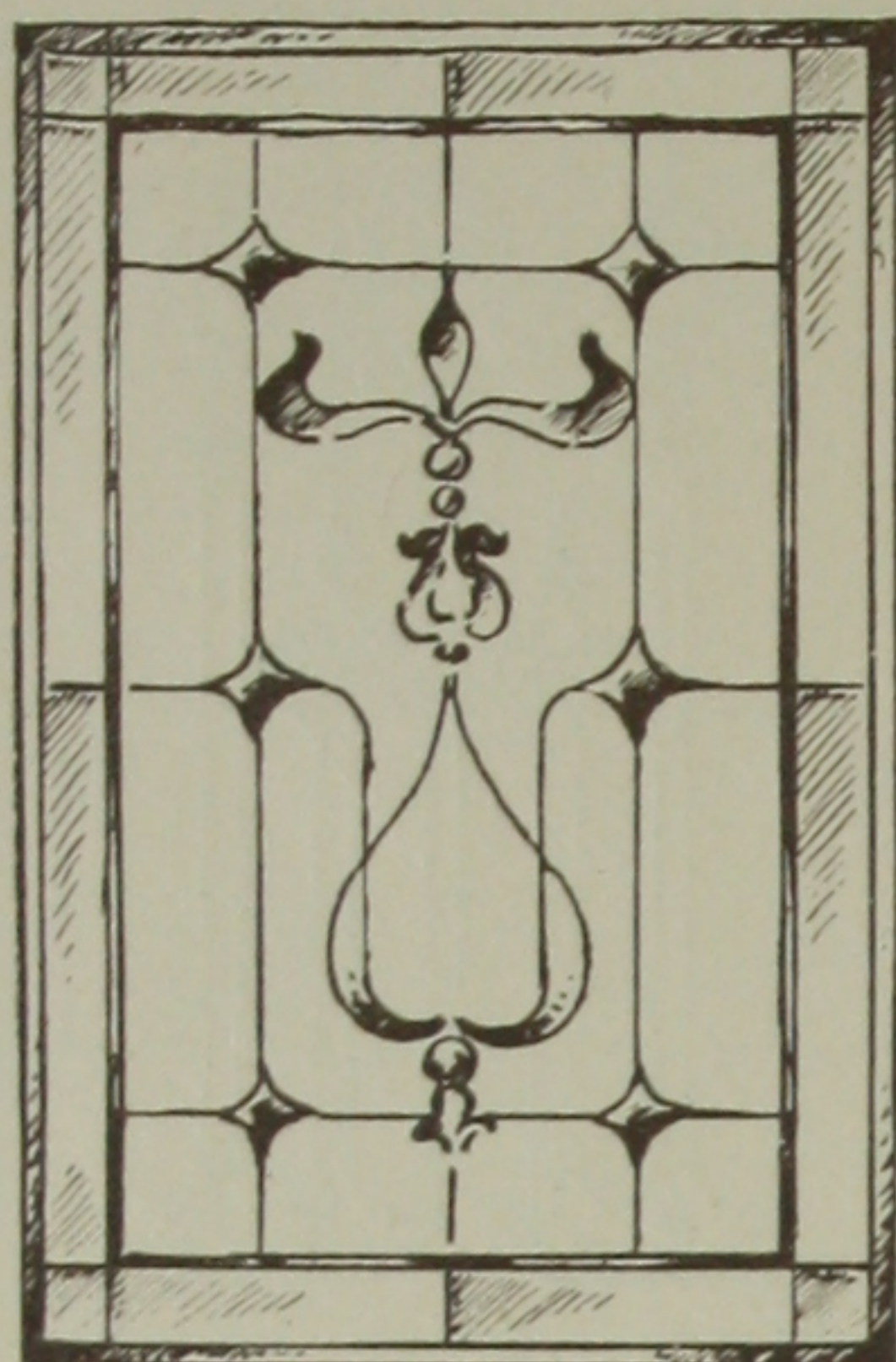
Prices quoted upon application. Always mention size desired.



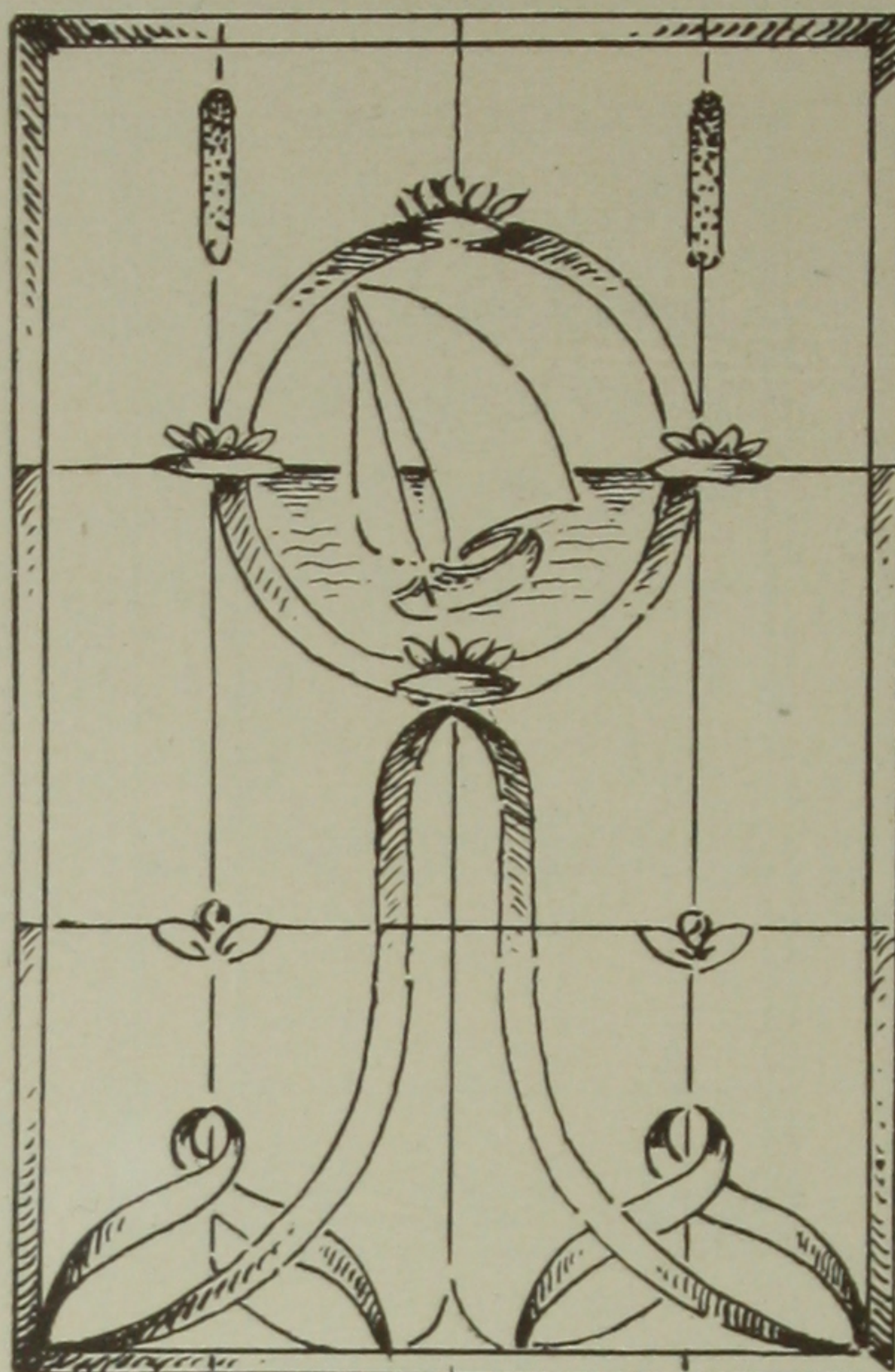
## SUGGESTIONS FOR STAINED GLASS WINDOWS

In appropriate contrasting colors. Set in lead or copper.

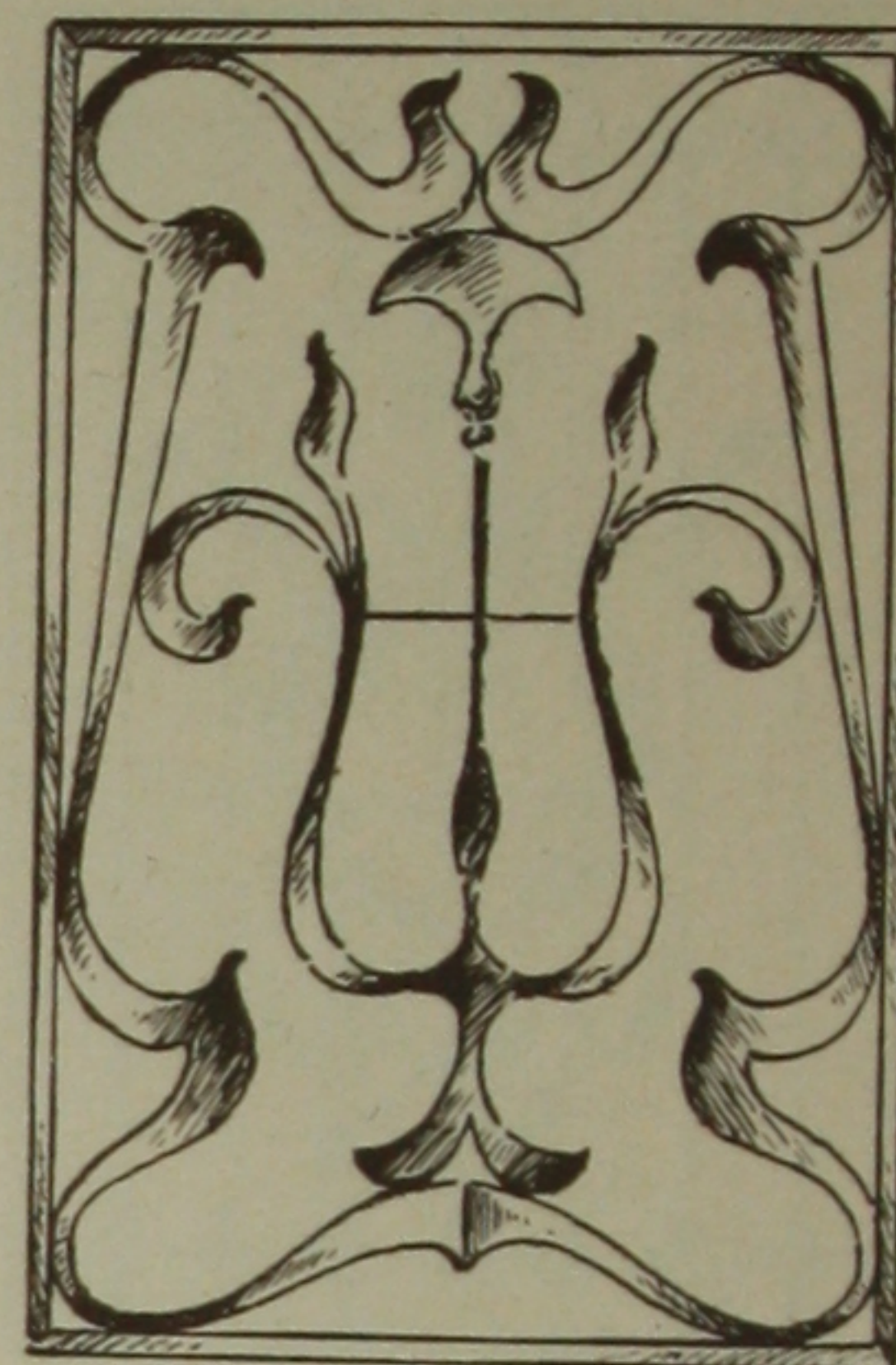
See pages 35 and 36 for frames for glass.



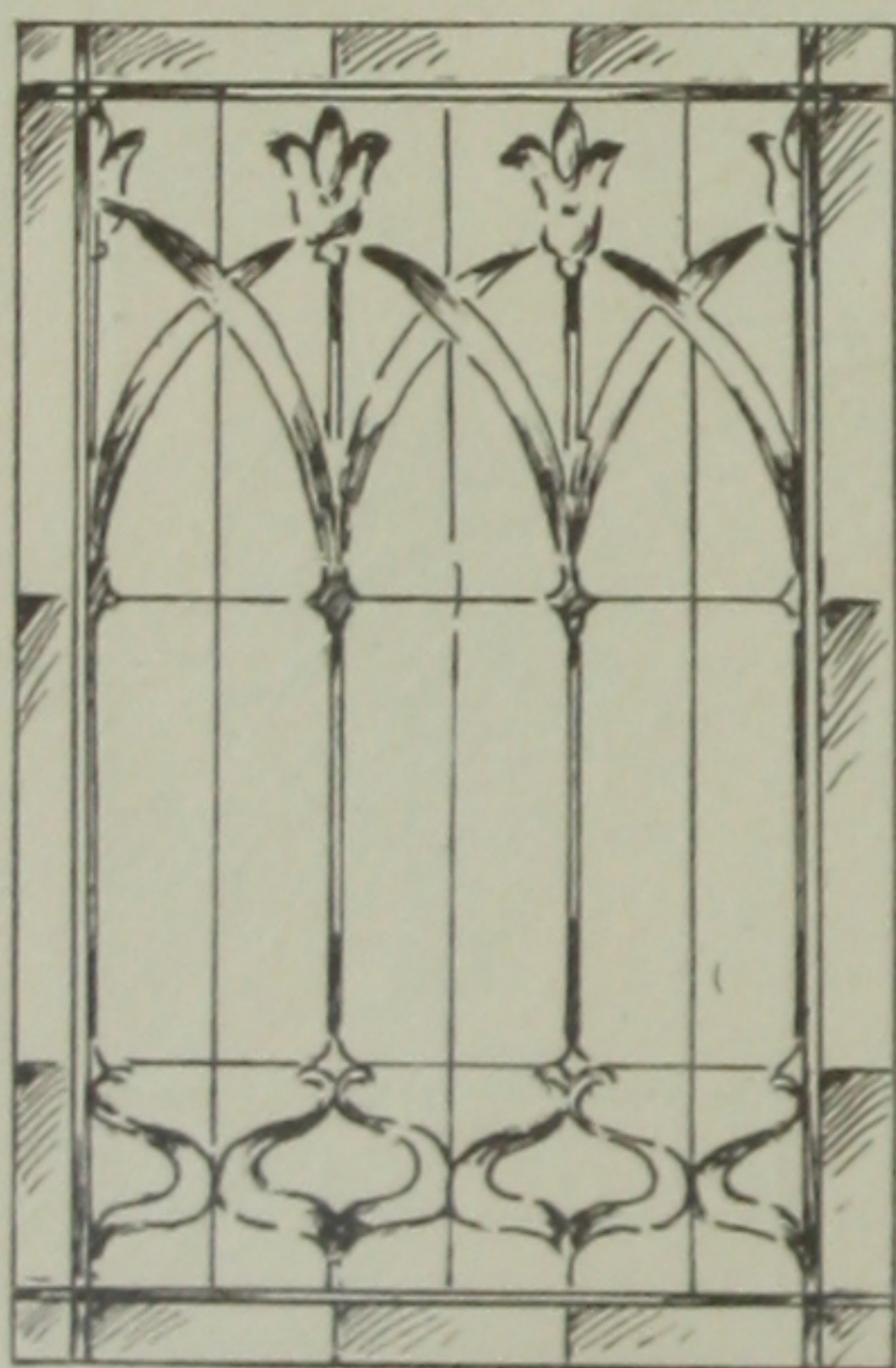
Vulcan  
Illustration  
No. 1393



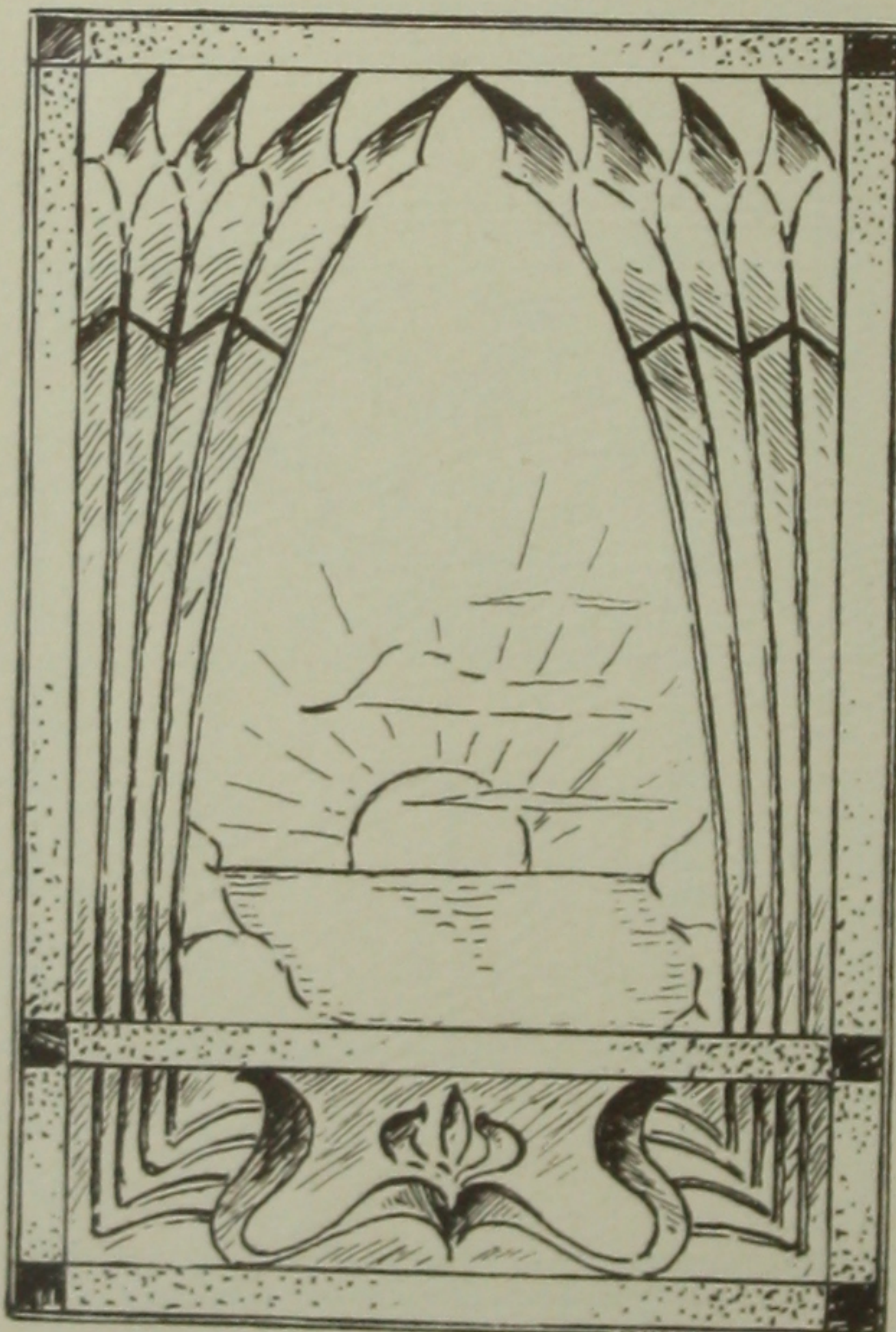
Vulcan Illustration No. 1394



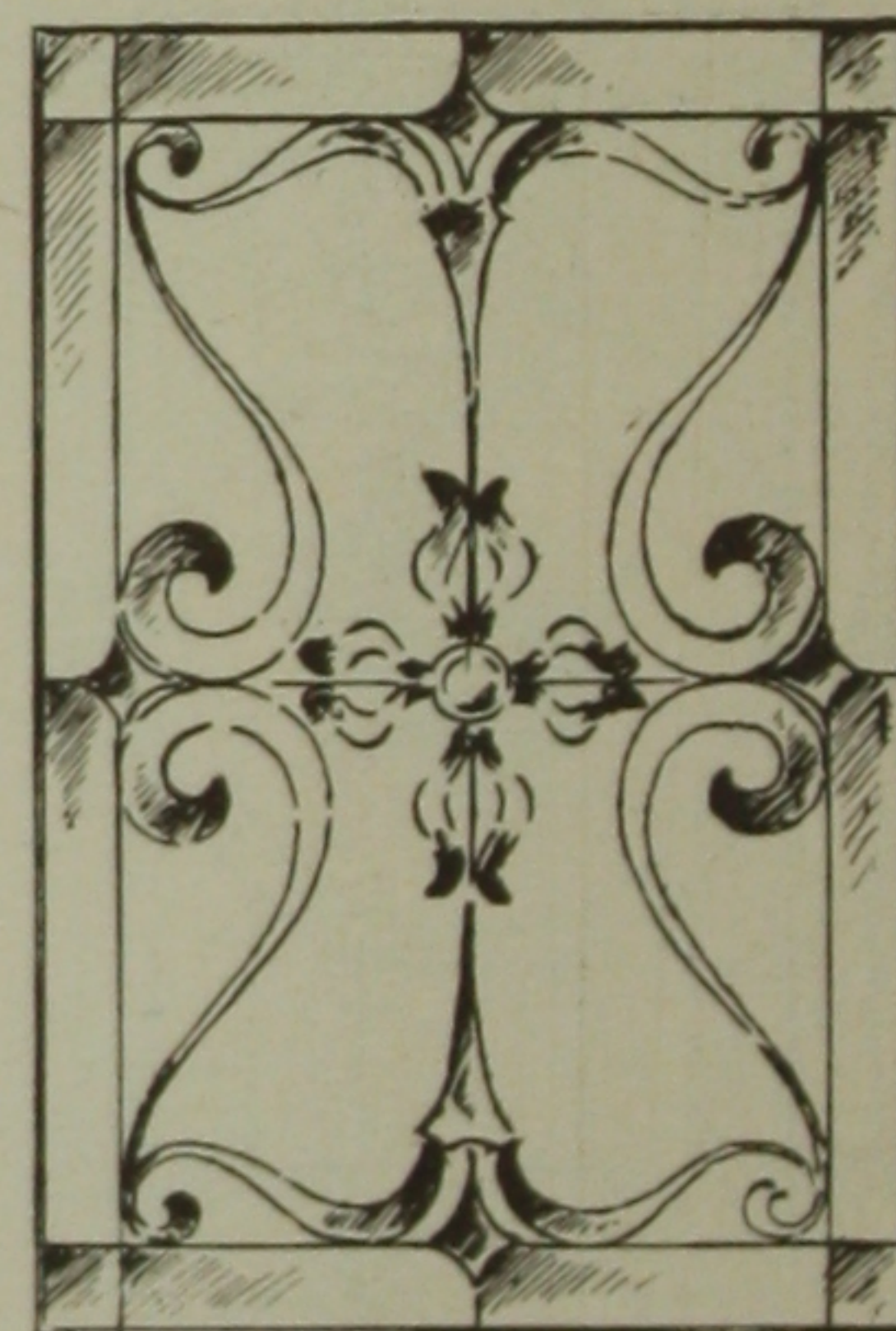
Vulcan  
Illustration  
No. 1395



Vulcan  
Illustration  
No. 1396



Vulcan Illustration No. 1397



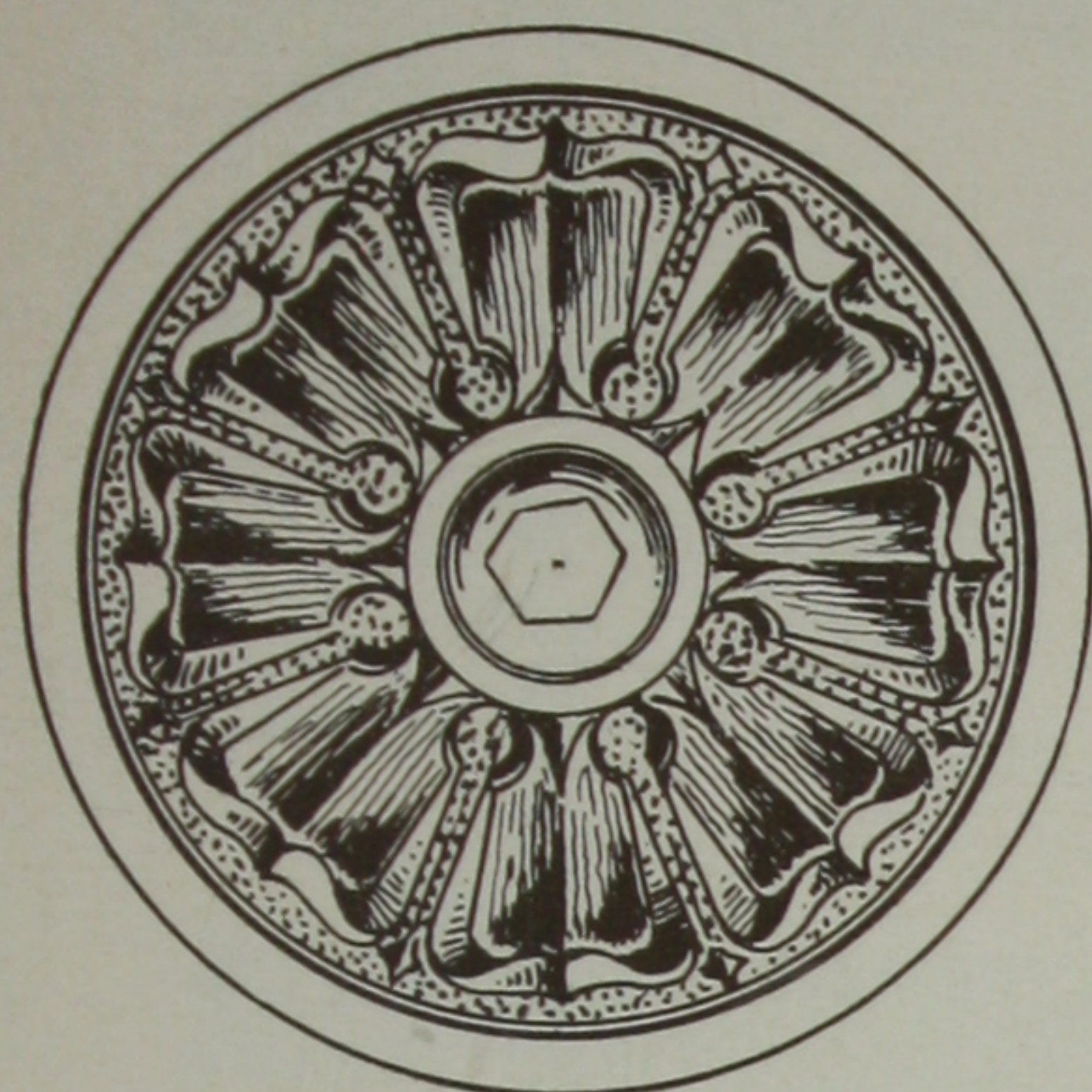
Vulcan  
Illustration  
No. 1398

The illustrations shown above are all inexpensive, and show designs that are most commonly used. Special water-color sketches will be furnished where more expensive designs are desired. In asking prices on the more expensive work it is necessary that you specify some price limit.  
Prices quoted upon application. Always mention size desired.



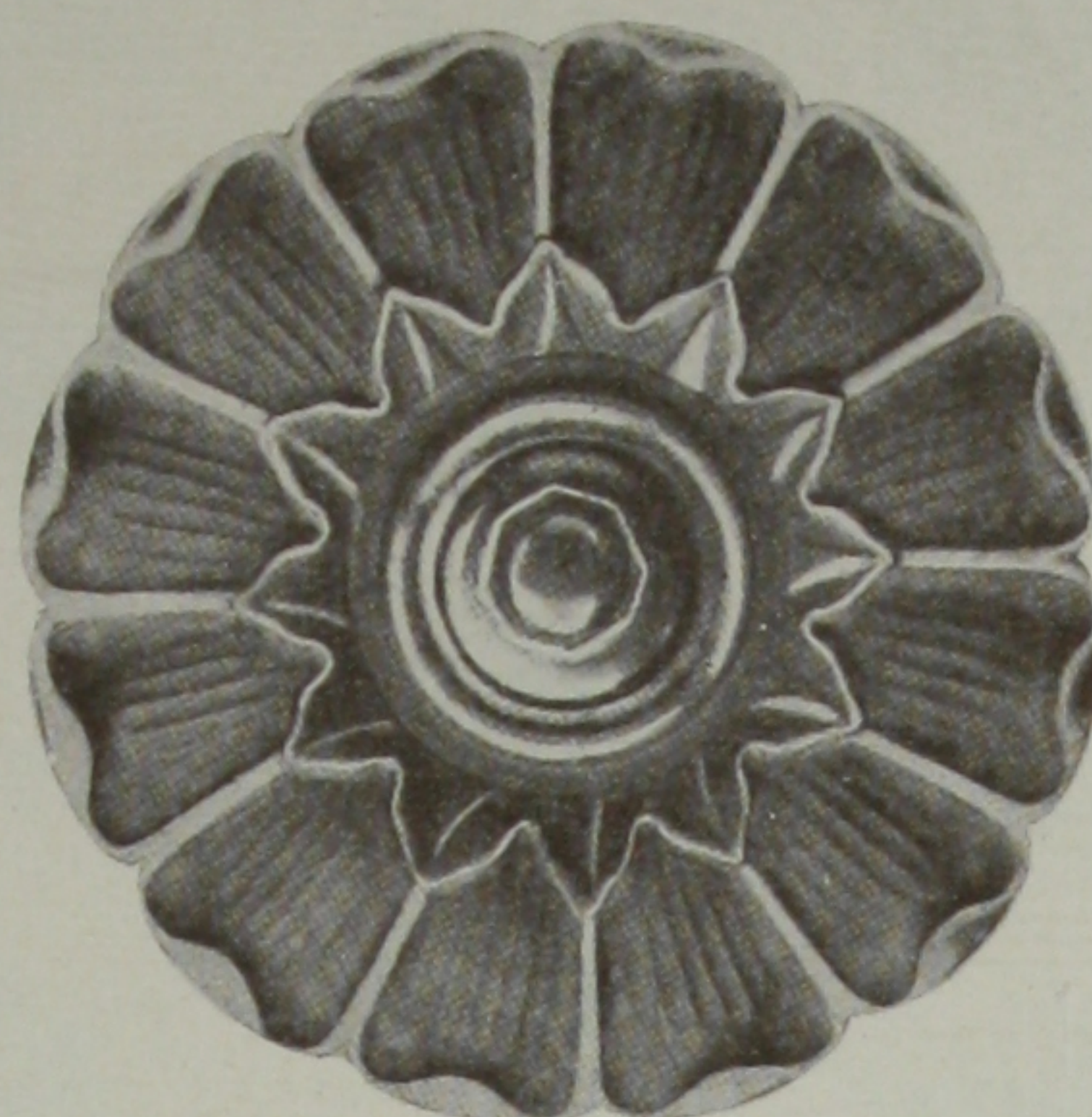
# STANDARD BRONZE ROSETTE LIFTERS FOR CATACOMB FRONTS

Illustrations show one-half full size



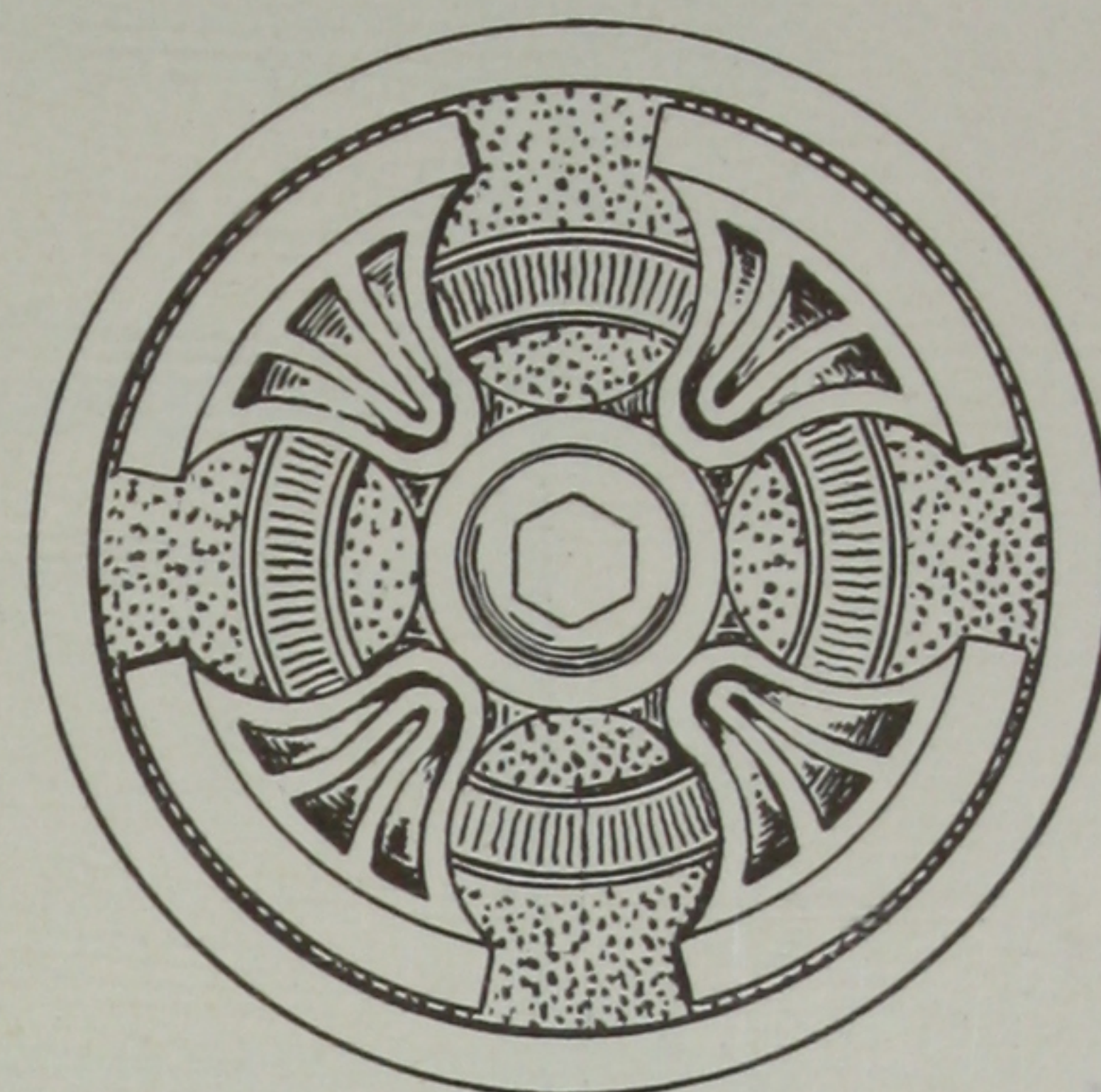
Vulcan Illustration  
No. 1399

Price, each .....\$1.50



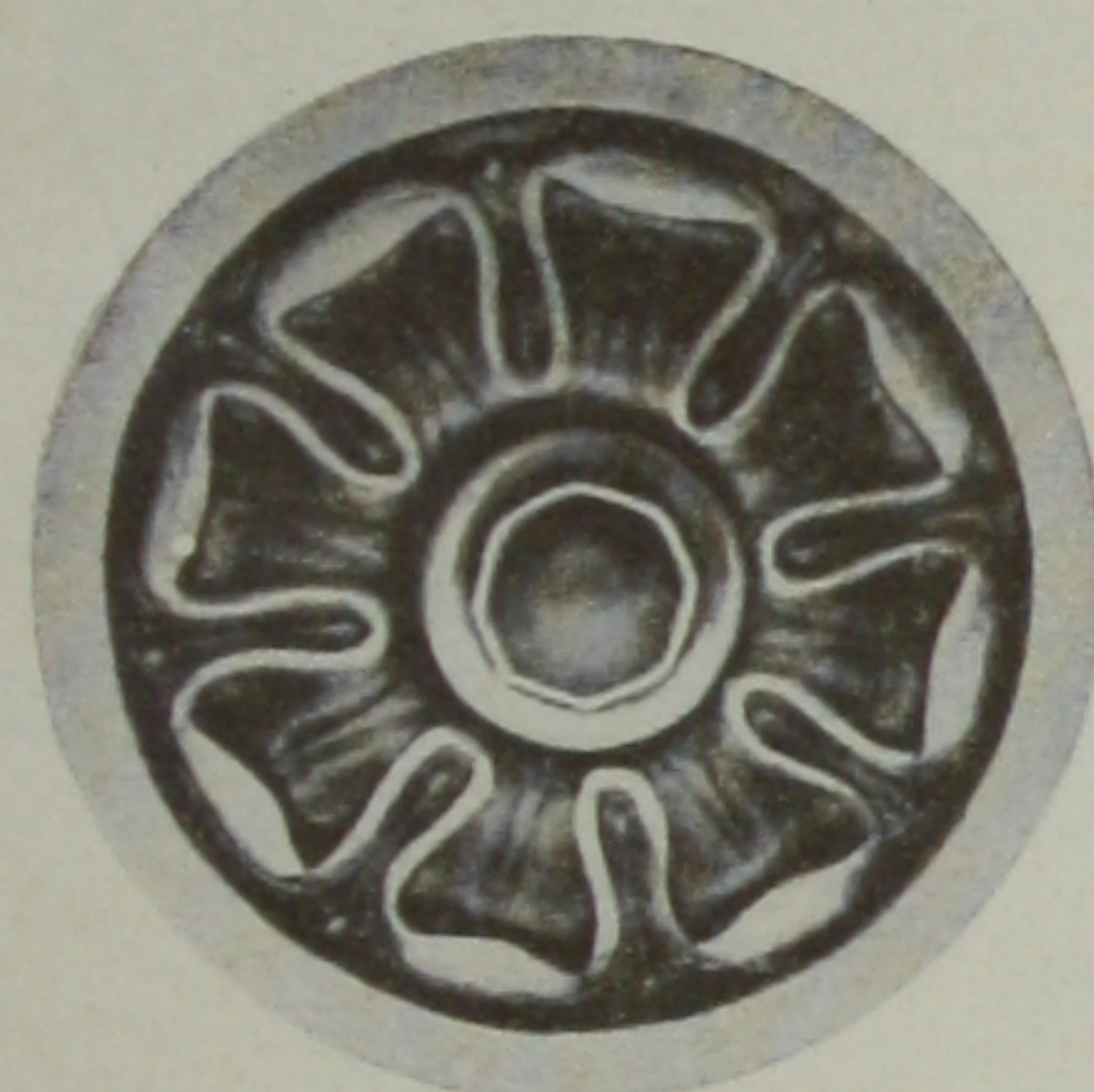
Vulcan Illustration  
No. 1400

Price, each .....\$1.50



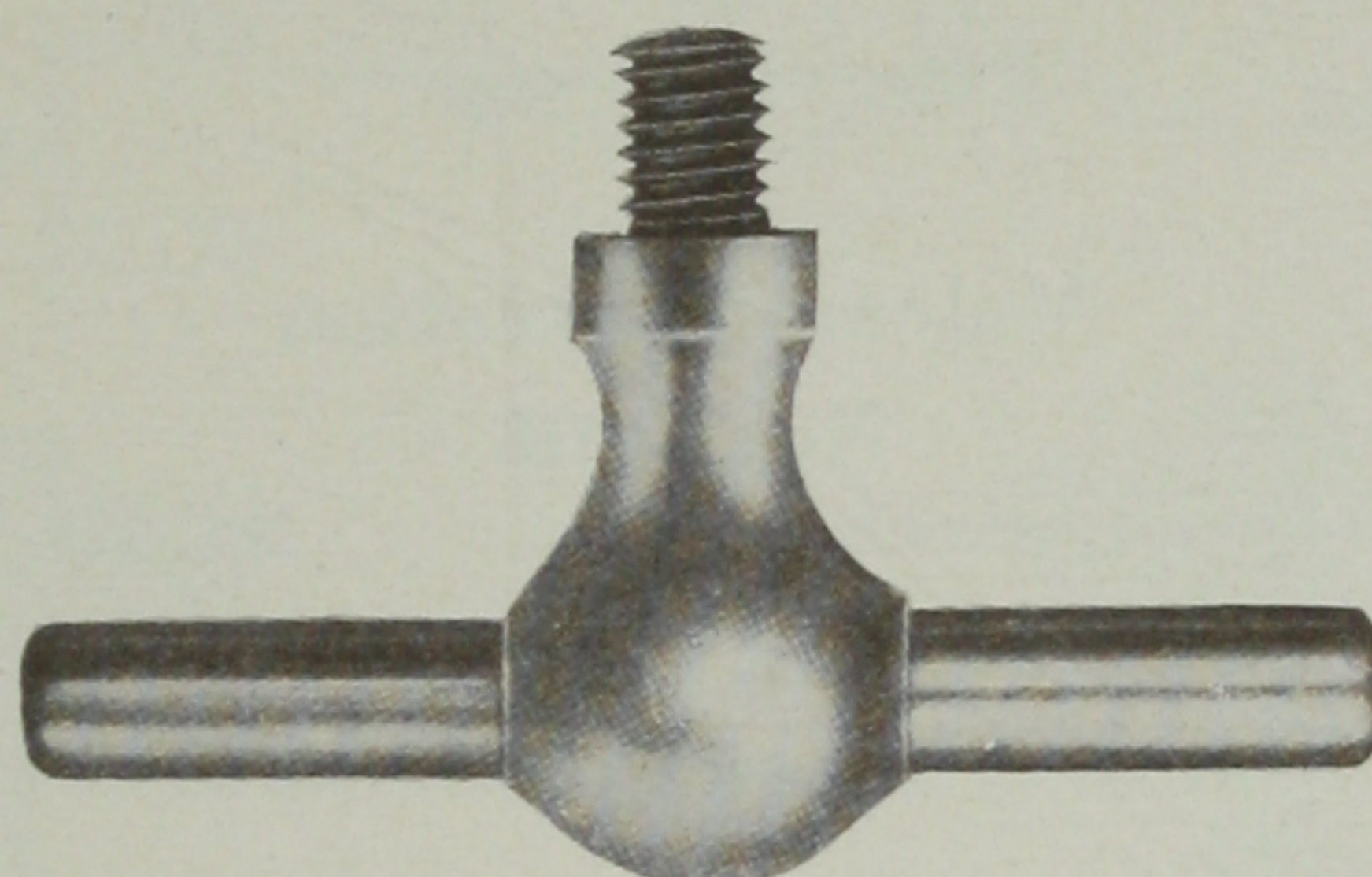
Vulcan Illustration  
No. 1401

Price, each .....\$1.50



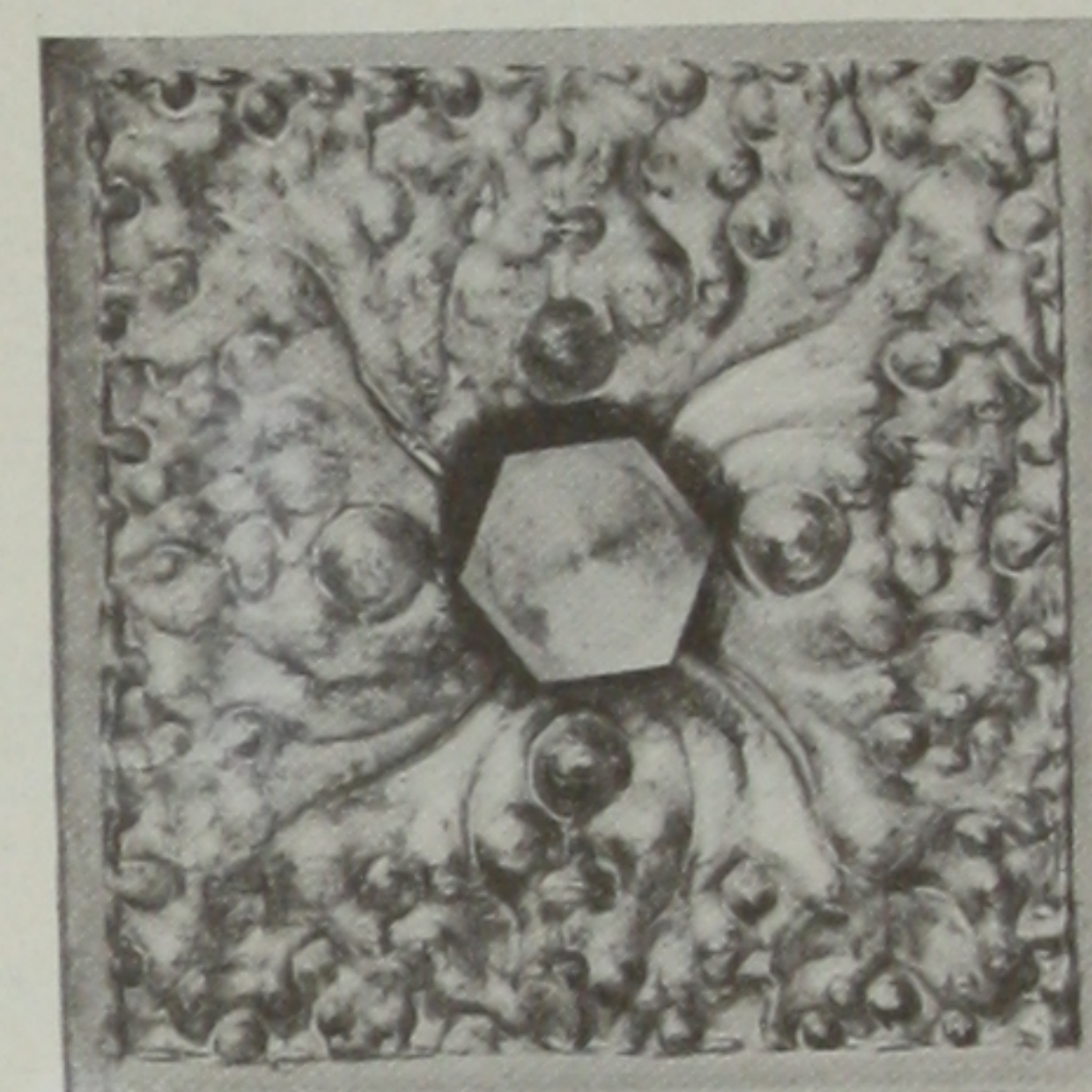
Vulcan Illustration  
No. 1402

Price, each .....\$1.40



Vulcan Illustration  
No. 1403

Price, each .....\$1.50



Vulcan Illustration  
No. 1404

Price, each .....\$1.50

THIS TEE HANDLE IS USED WITH ALL ROSETTES SHOWN ON THIS PAGE. ONLY ONE PAIR REQUIRED FOR ANY NUMBER OF ROSETTES.

We illustrate on this page a number of designs of Standard Bronze Rosette Lifters for Catacomb Fronts. These Lifters are now used by many in preference to the old style handles.

All designs shown on this page have  $\frac{3}{4}$ " diameter stems which extend through fronts with nuts on the inside. The faces of the rosettes are provided with threaded plugs, these plugs are unscrewed and No. 1403 Tee handles inserted when fronts are to be removed. After fronts are replaced the tee handles are removed and the plugs inserted, this leaves no projections on fronts and forms a neat appearance.

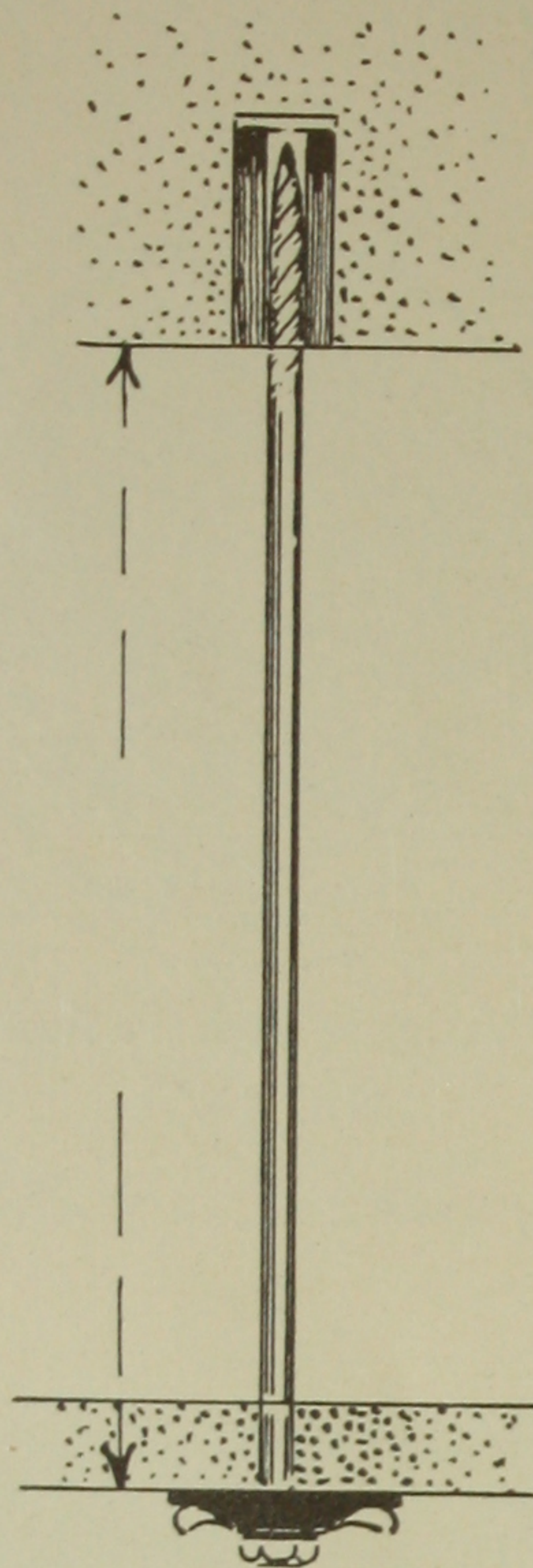
See Illustration No. 1421 showing how these rosette lifters are used on marble fronts.

Illustration No. 1422 shows the above rosette lifters used in connection with No. 1423 socket for slate for double fronts.

If handles are preferred for the fronts see page 41.

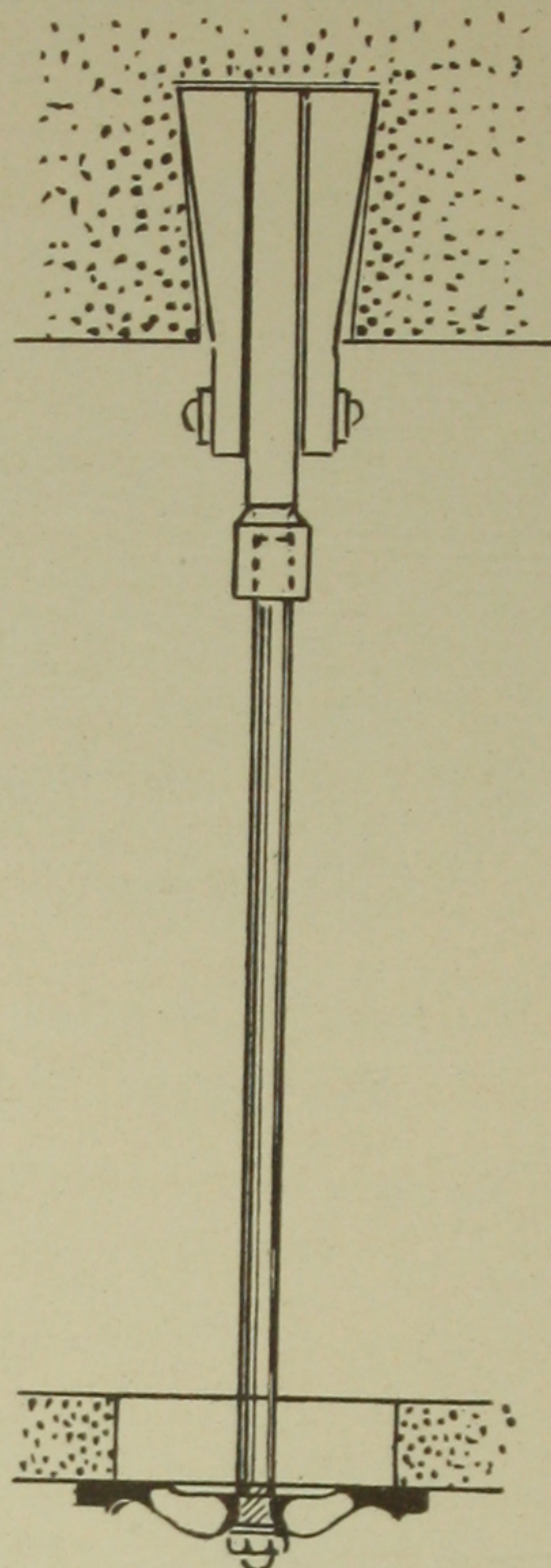


**STANDARD BRONZE HANGER RODS FOR MARBLE CEILINGS**



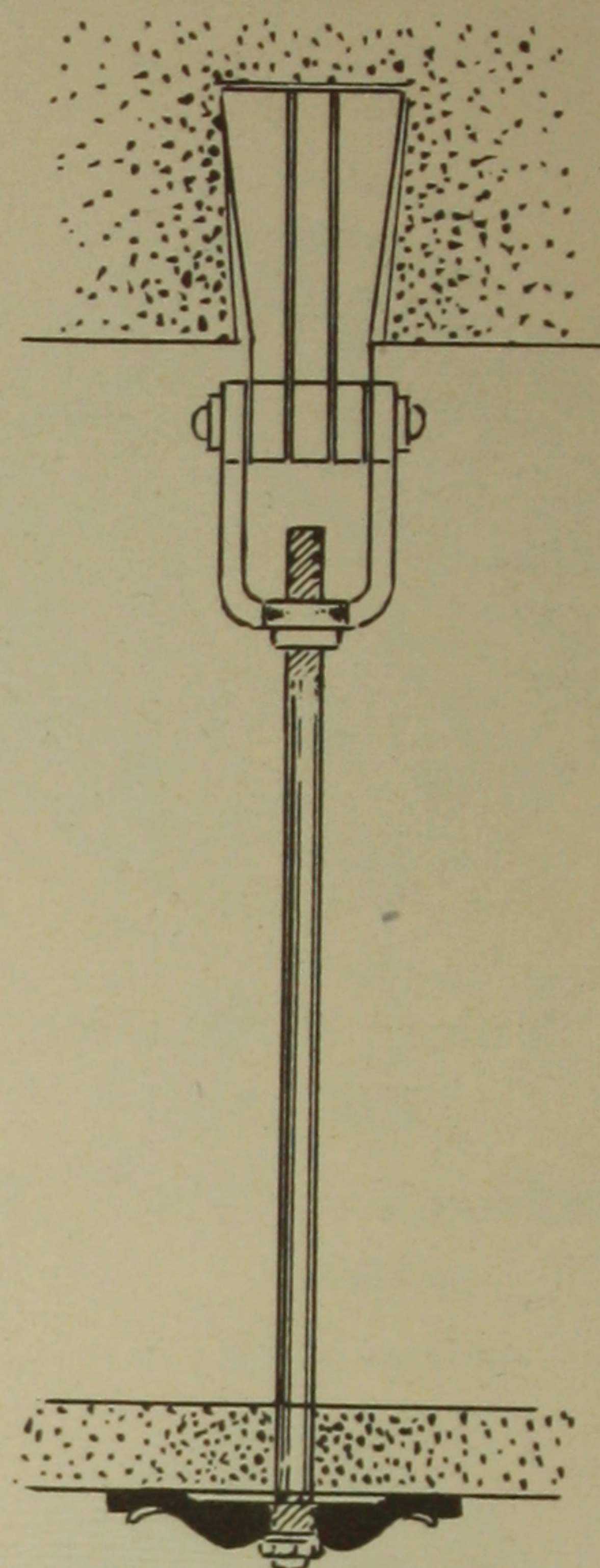
Vulcan Illustration  
No. 1405

Price, each ..... \$3.00



Vulcan Illustration  
No. 1406

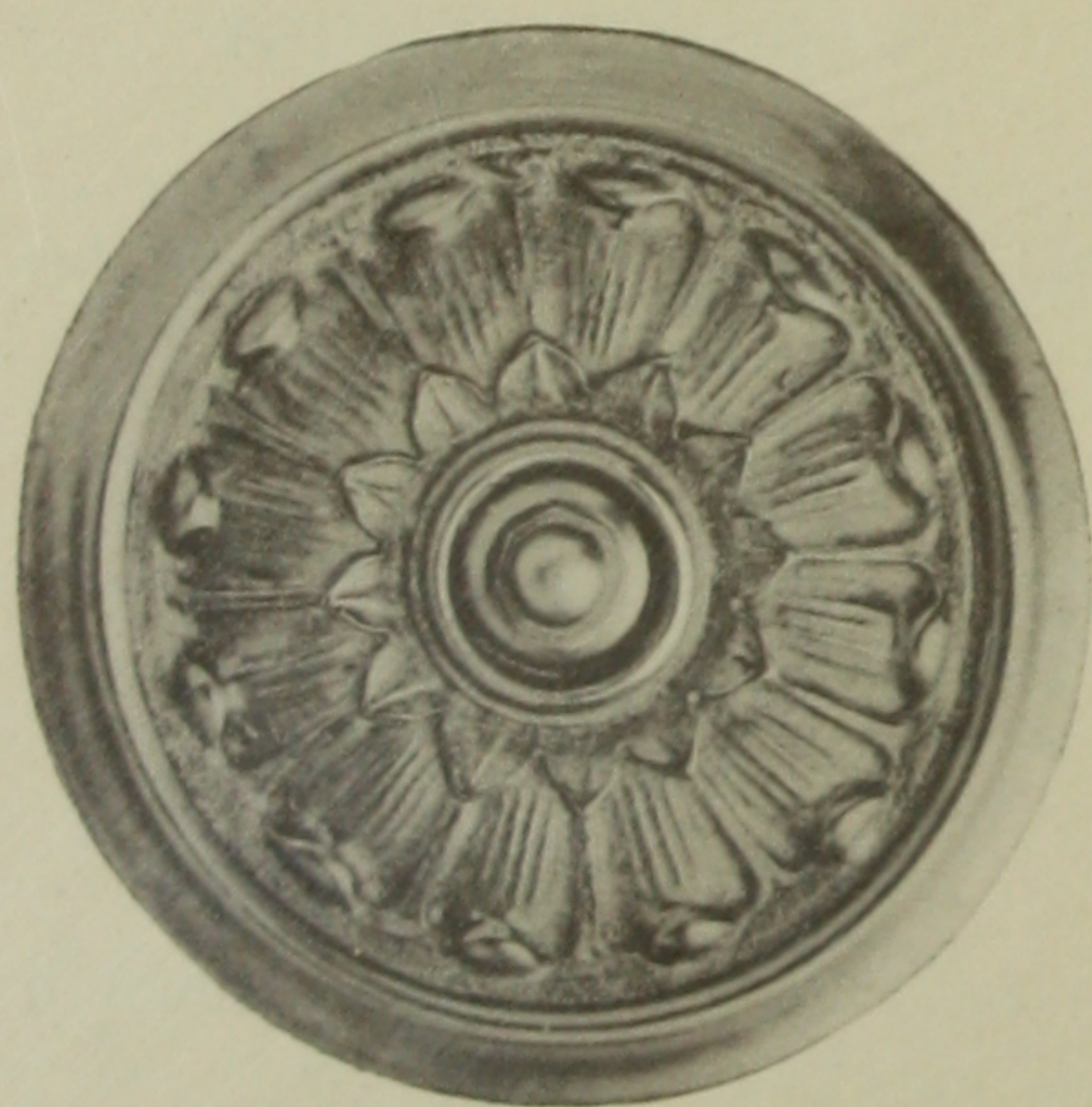
Price, each ..... \$4.50



Vulcan Illustration  
No. 1407

Price, each ..... \$5.50

Prices are Exclusive of Rosettes. See Rosette Prices Below.

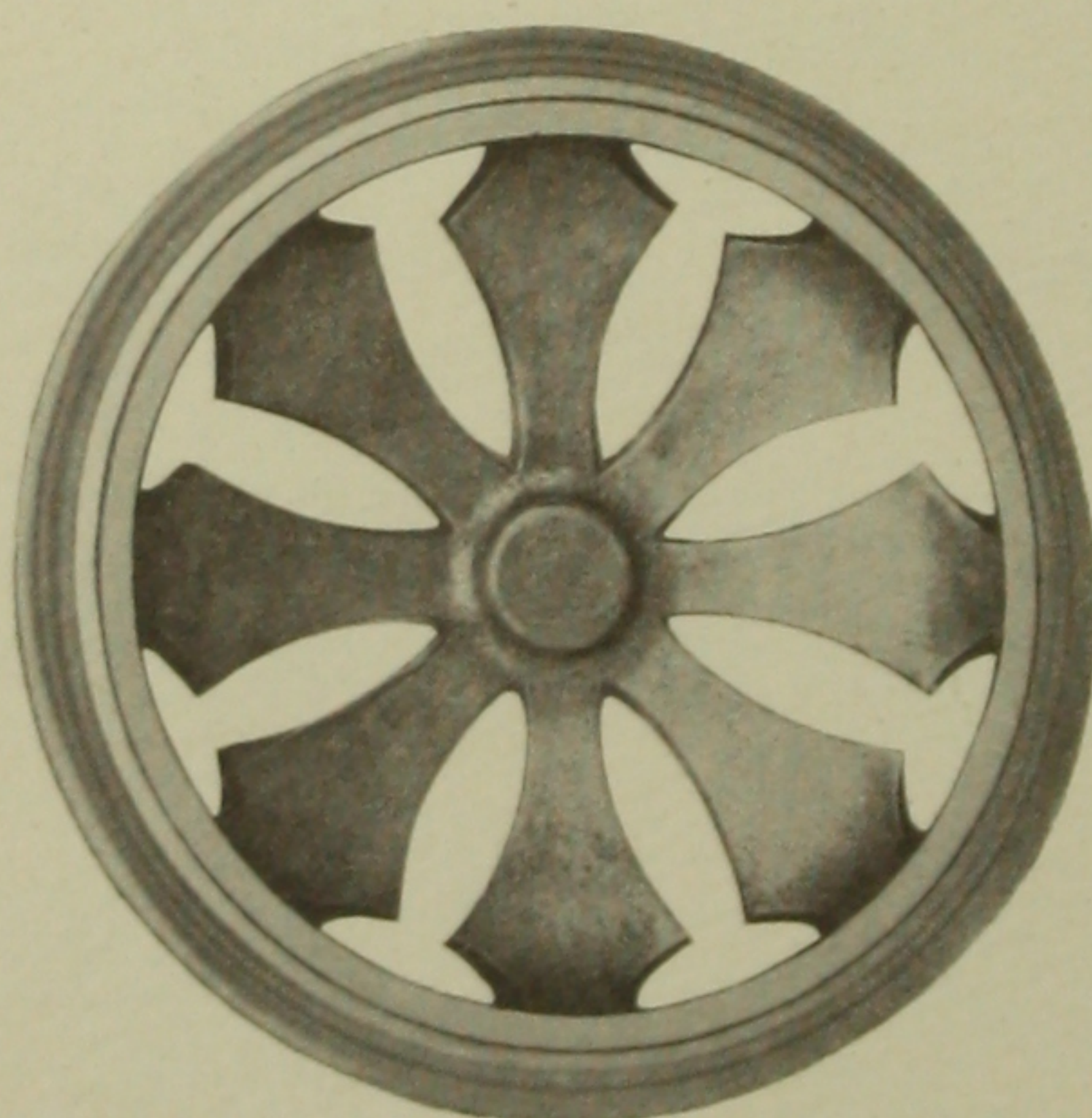


Vulcan Illustration  
No. 1408

Solid Rosette

Price, 4" Dia., each .... \$1.00

Price, 5" Dia., each .... 1.50



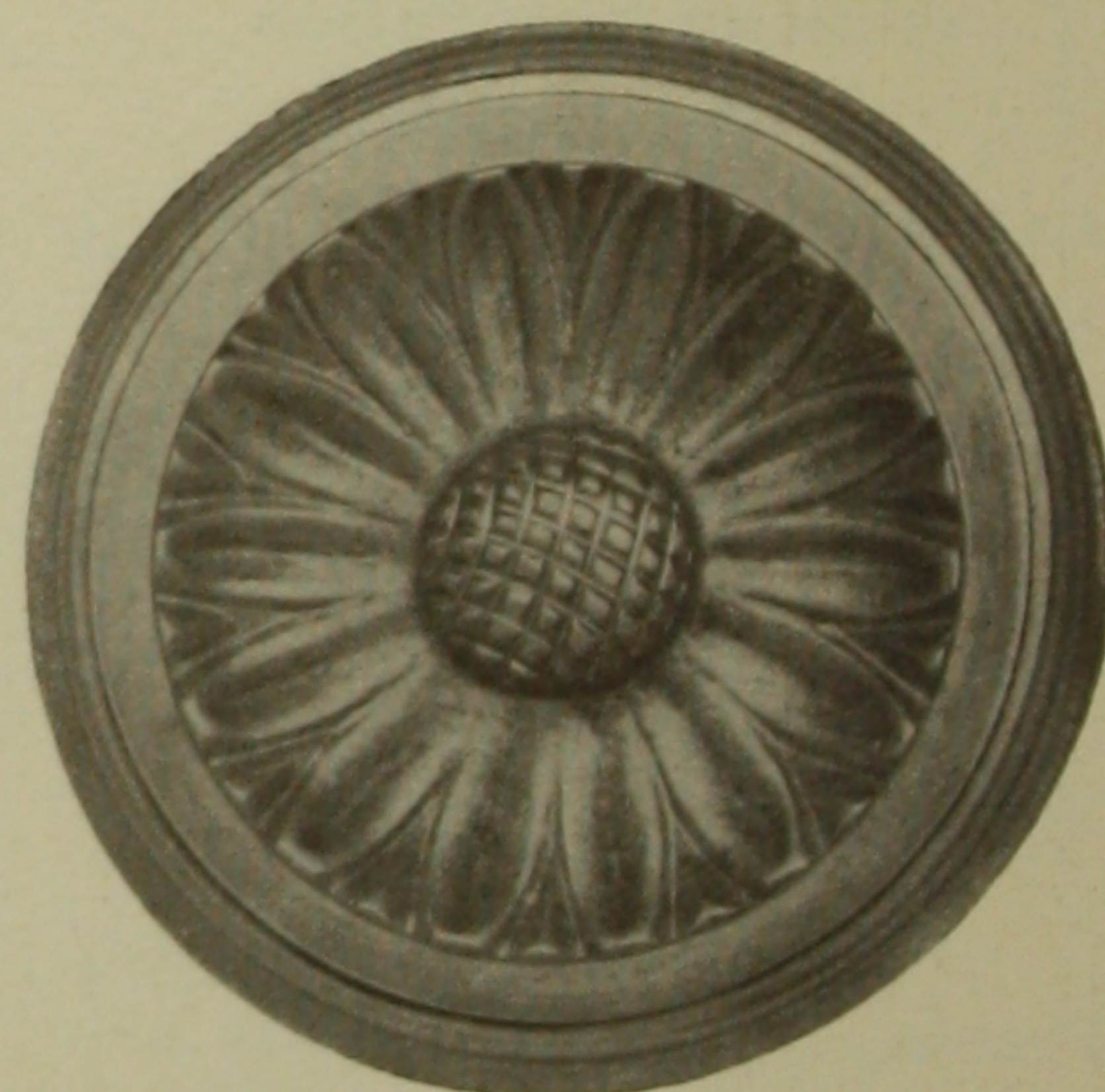
Vulcan Illustration  
No. 1409

Ventilating Rosette

Price, 6" Dia., each .... \$2.00

Same Pattern—Solid Rosette

Price, 6" Dia., each .... \$2.50



Vulcan Illustration  
No. 1410

Solid Rosette, Heavy

Price, 5" Dia., each .... \$2.00

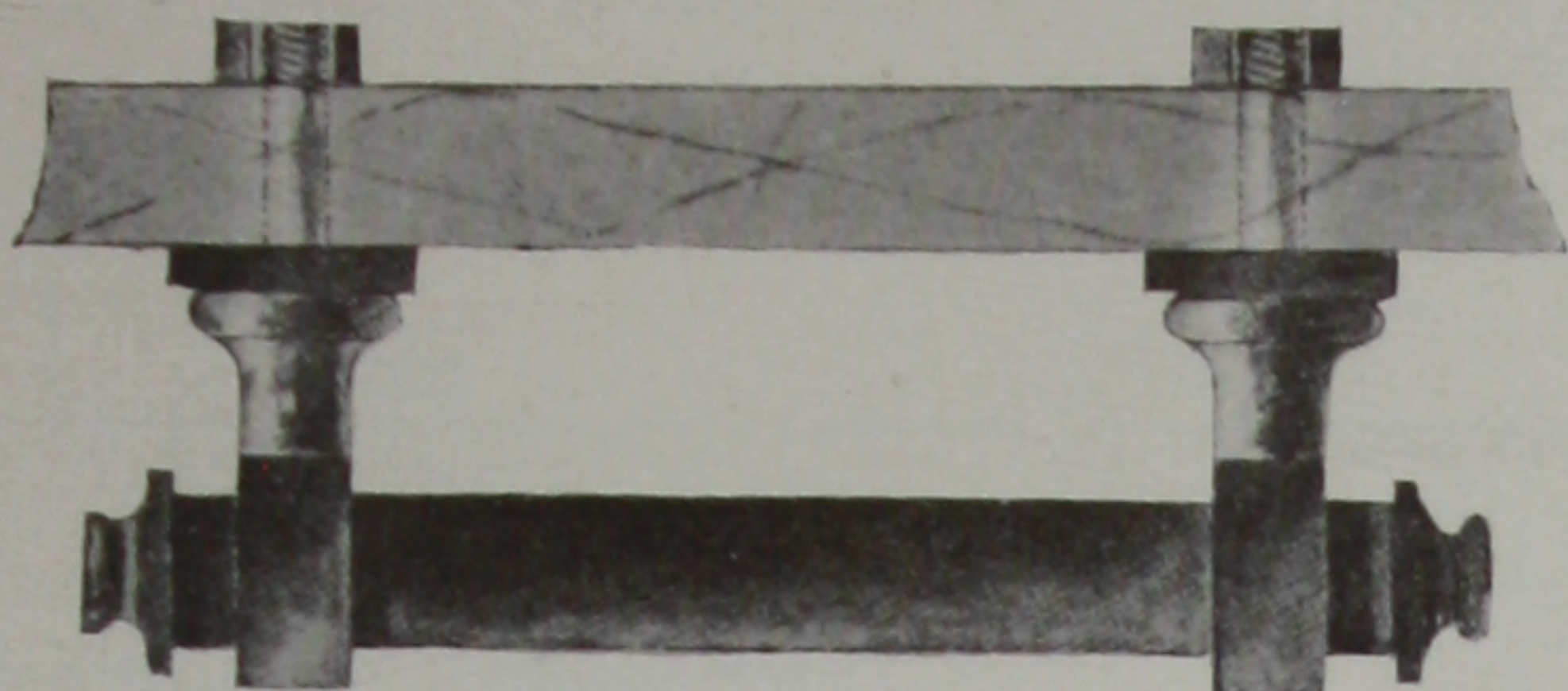
Price, 6" Dia., each .... 2.50

Prices are for Rosettes only. Hanger Rods Extra. See Prices Above.



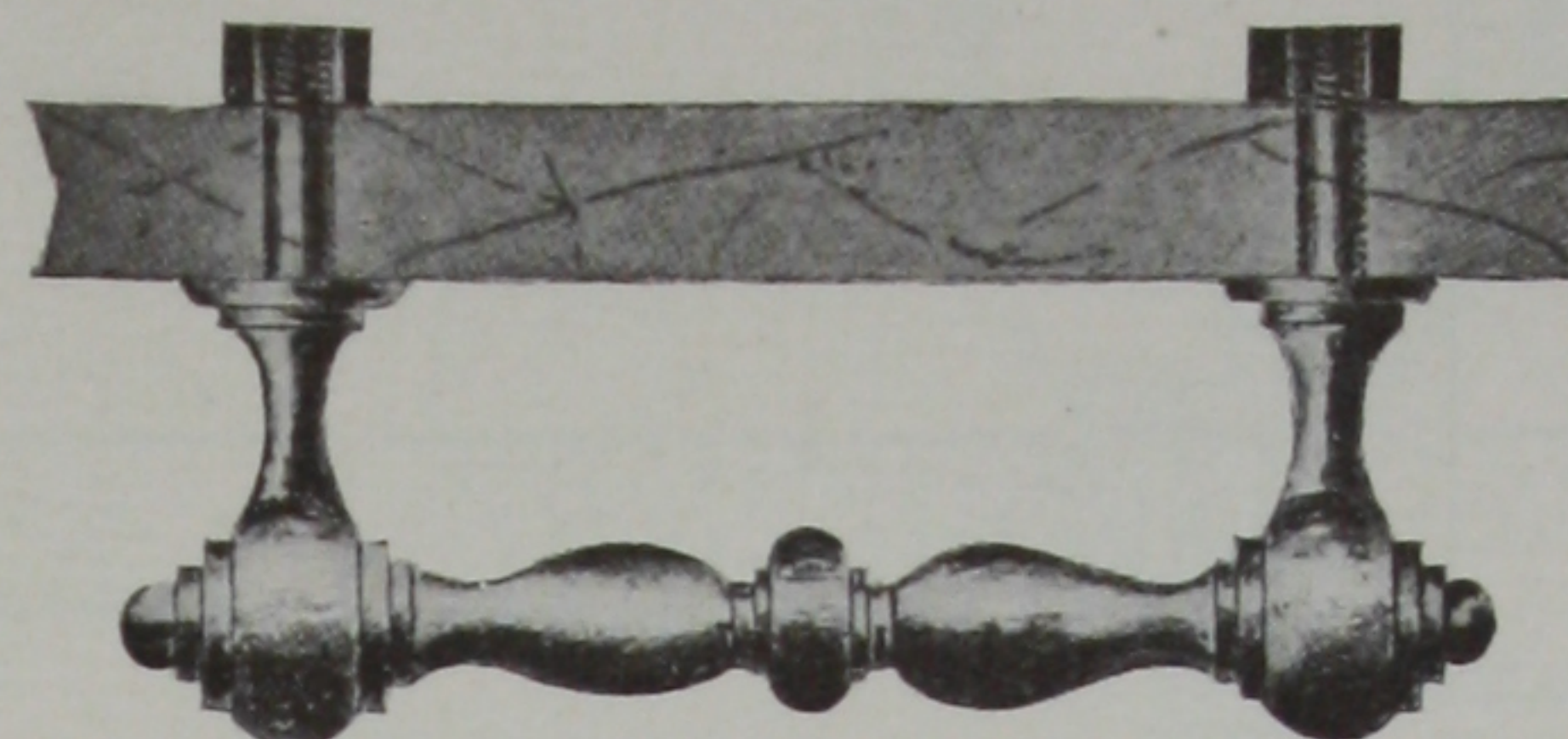
**STANDARD BRONZE HANDLES FOR CATACOMBS**

Bolts on all Handles are Six Inches on Centers and Three-eighths Diameter.



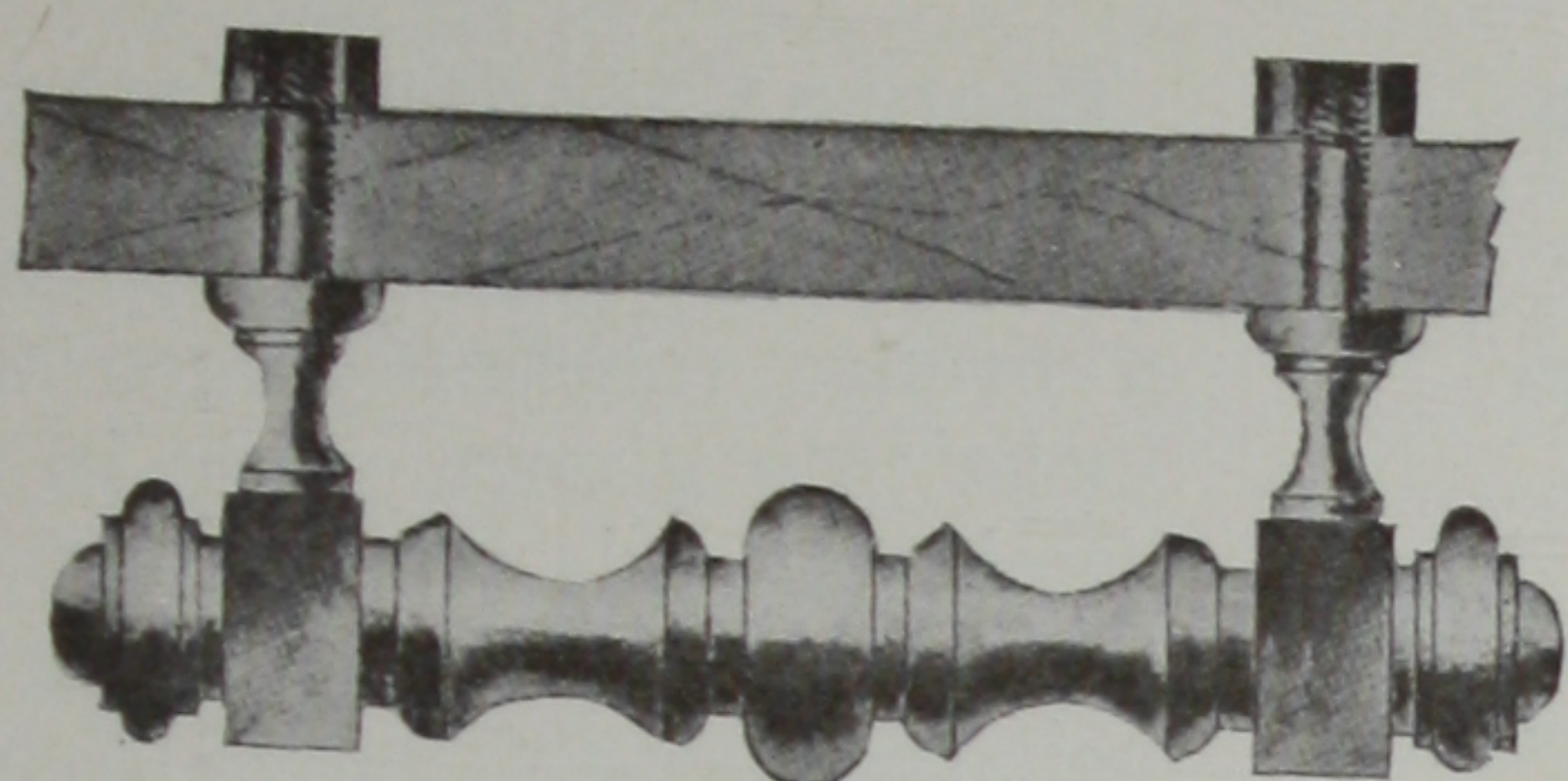
Vulcan Illustration  
No. 1411

Price, each .....\$5.00



Vulcan Illustration  
No. 1412

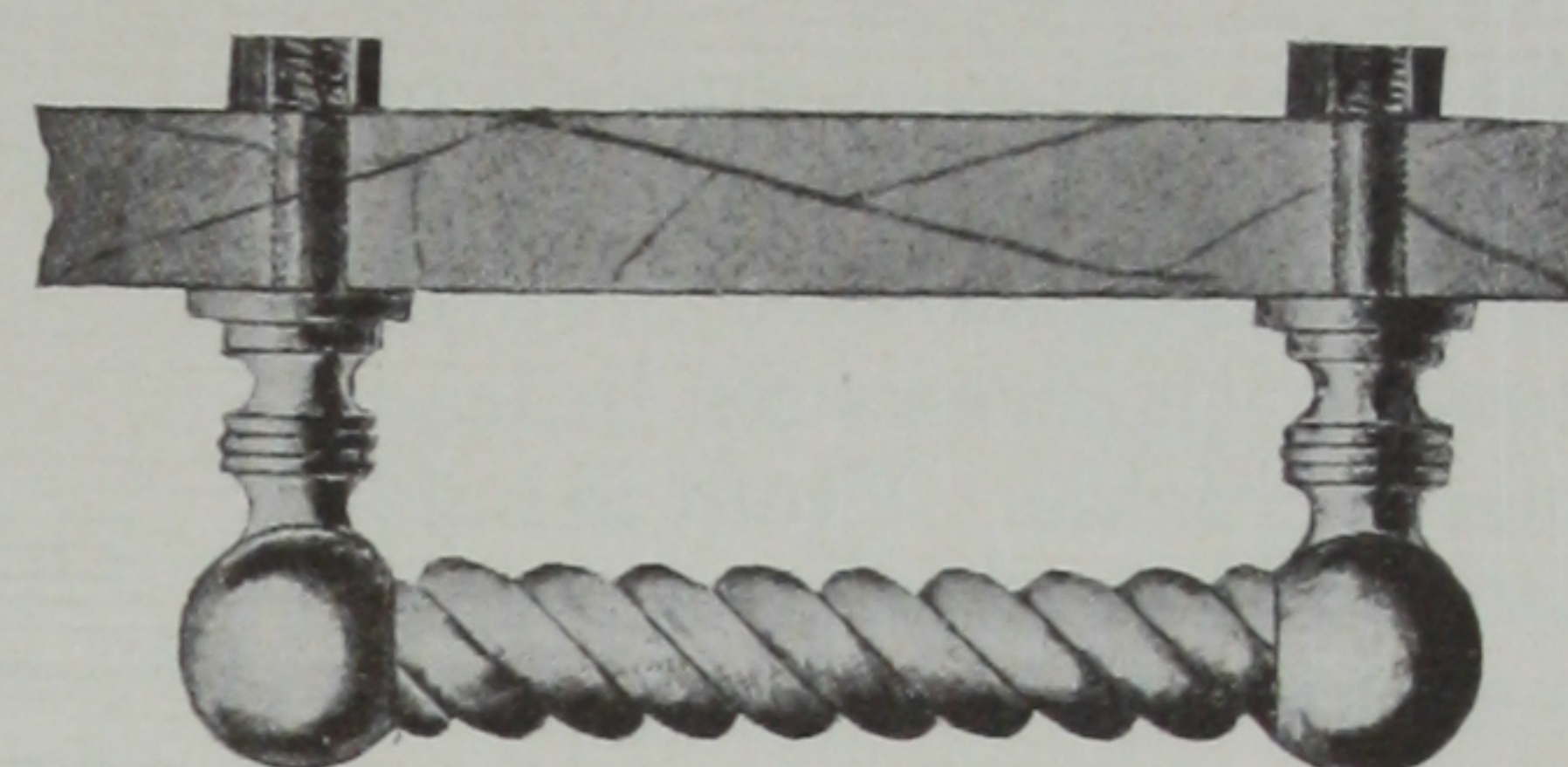
Price, each .....\$3.50



Vulcan Illustration  
No. 1413

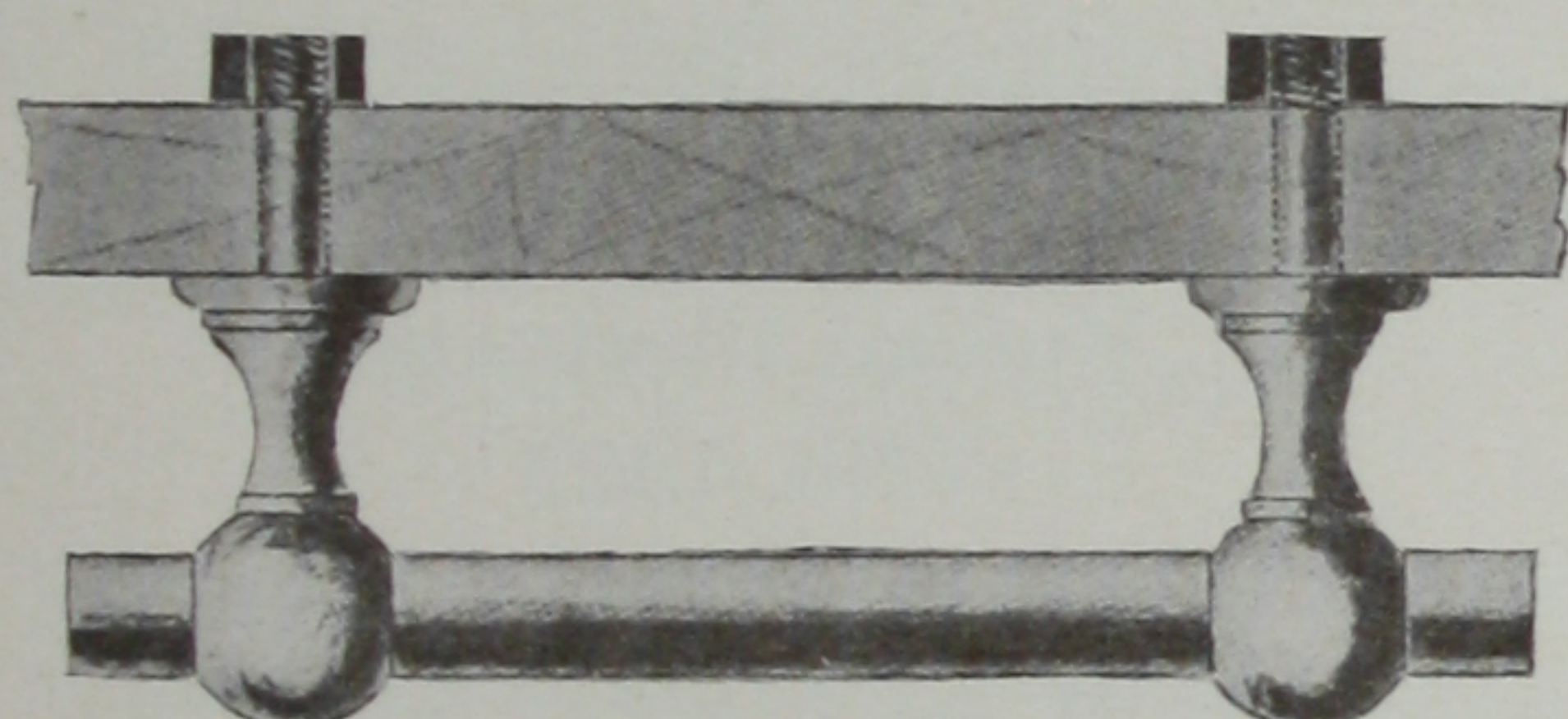
Price, each .....\$3.50

Same Style made to Fold  
Price, each .....\$5.00



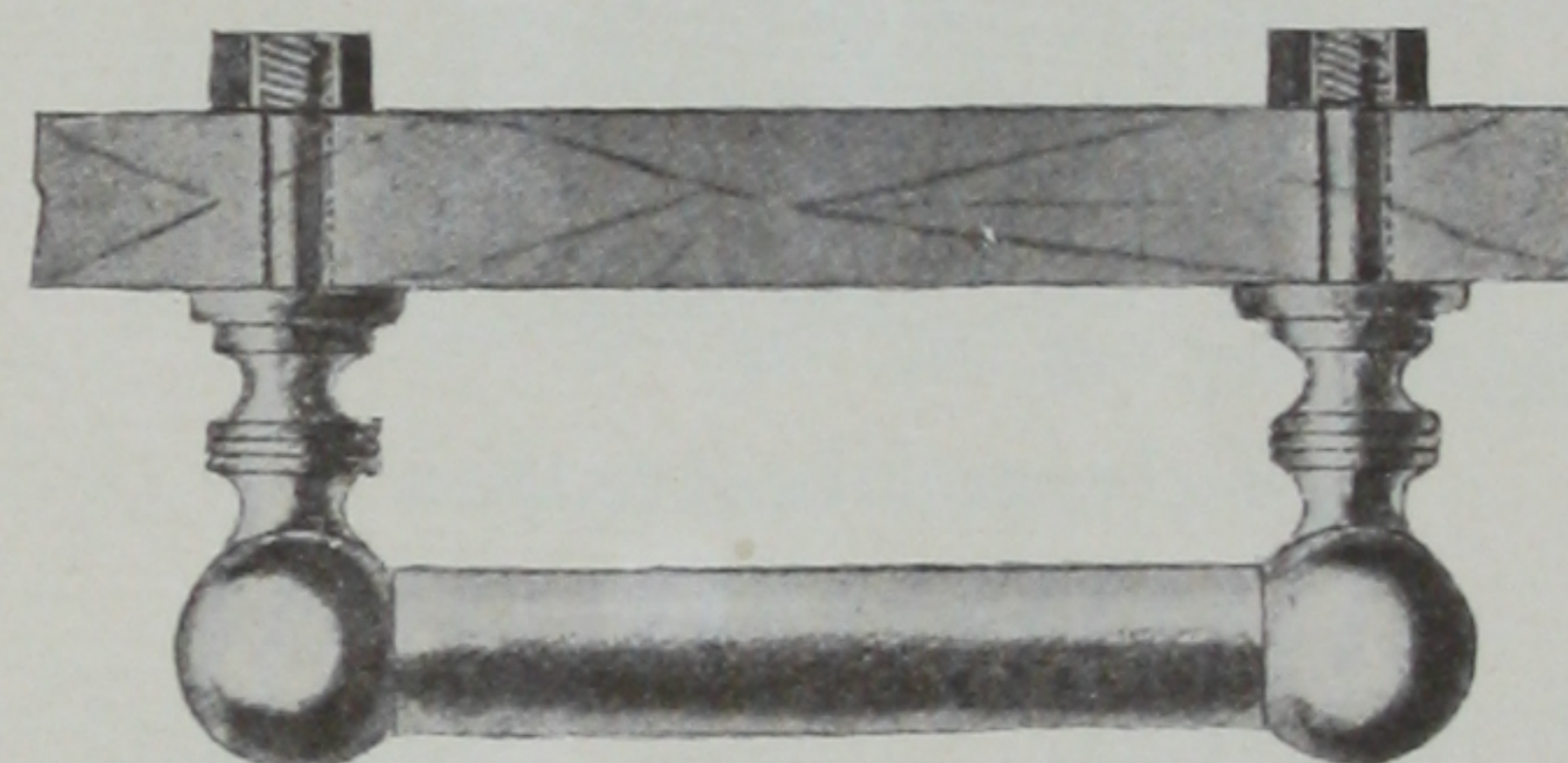
Vulcan Illustration  
No. 1414

Price, each .....\$2.50



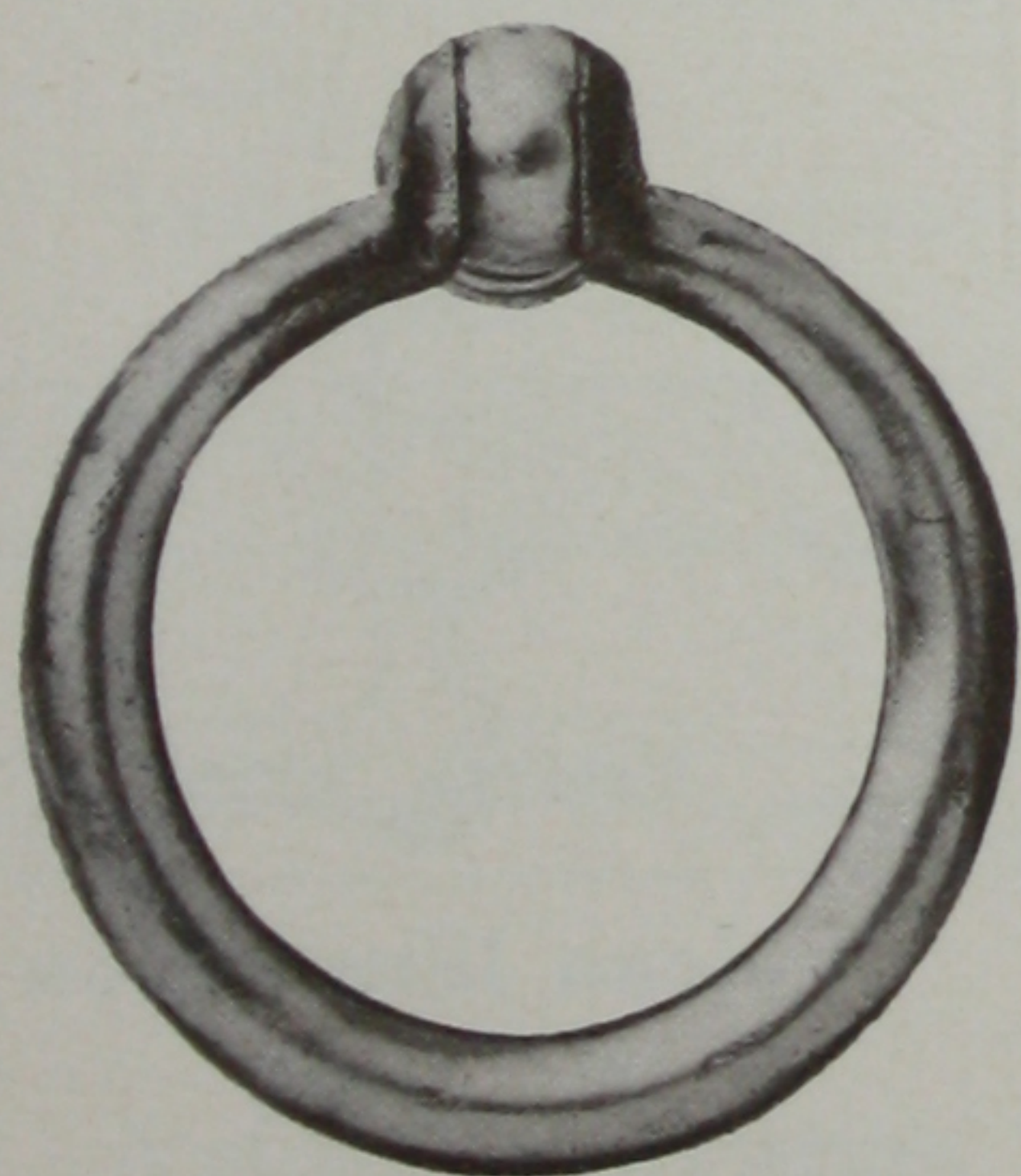
Vulcan Illustration  
No. 1415

Price, each .....\$3.00



Vulcan Illustration  
No. 1416

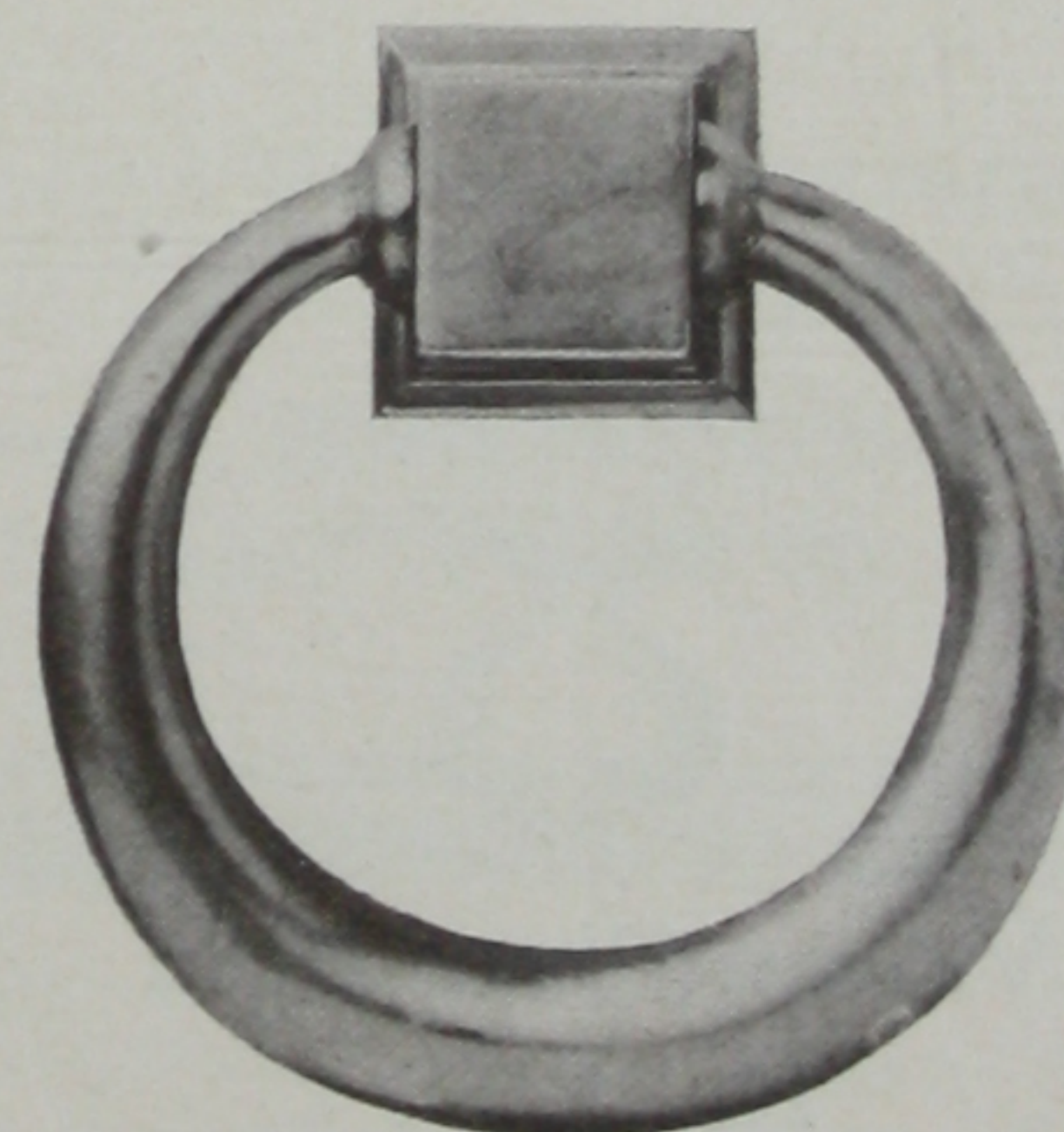
Price, each .....\$2.50



Vulcan Illustration  
No. 1417

Price, 3" Dia., each.....\$1.75

Price, 4" Dia., each..... 2.50



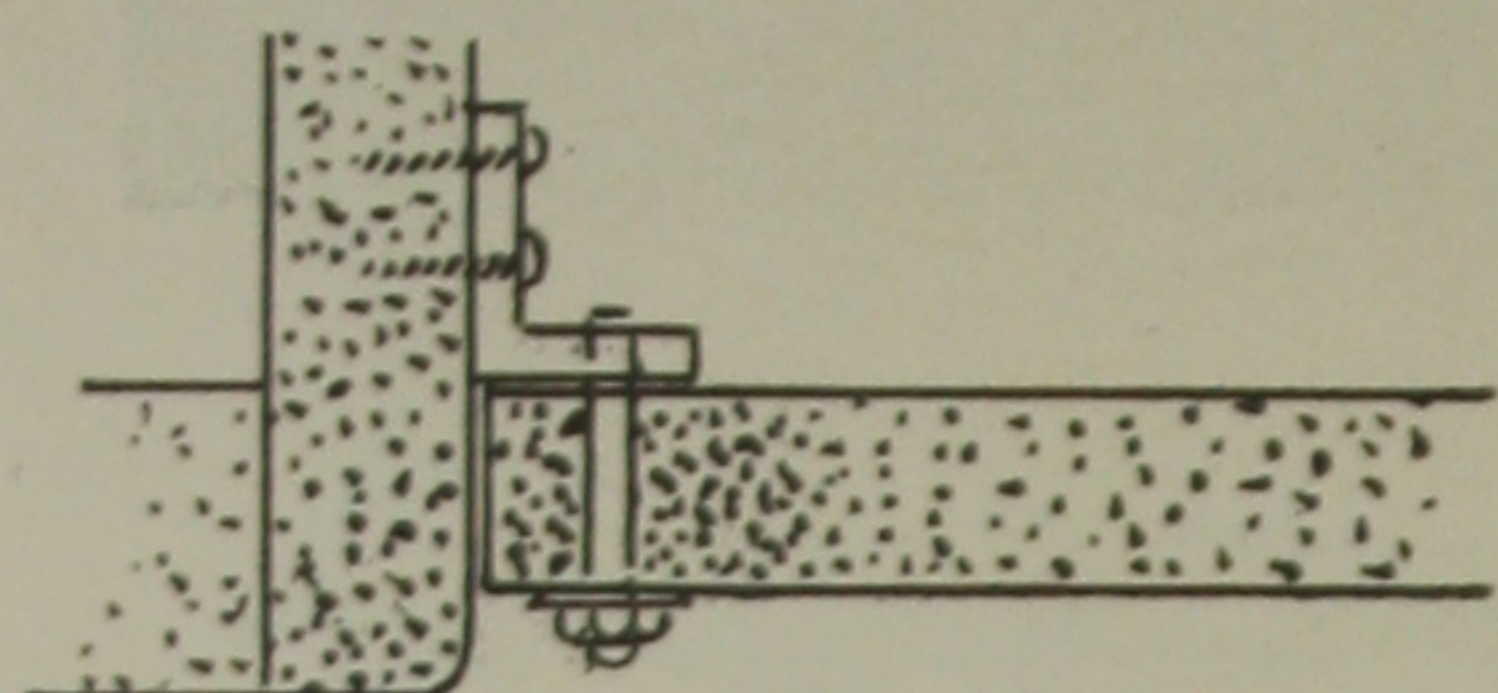
Vulcan Illustration  
No. 1418

Extra Heavy Pattern  
Price, 4" Dia., each.....\$4.00

IN ORDERING ALWAYS STATE THICKNESS OF MARBLE.



**STANDARD BRONZE FASTENERS AND LIFTS FOR CATACOMB FRONTS**

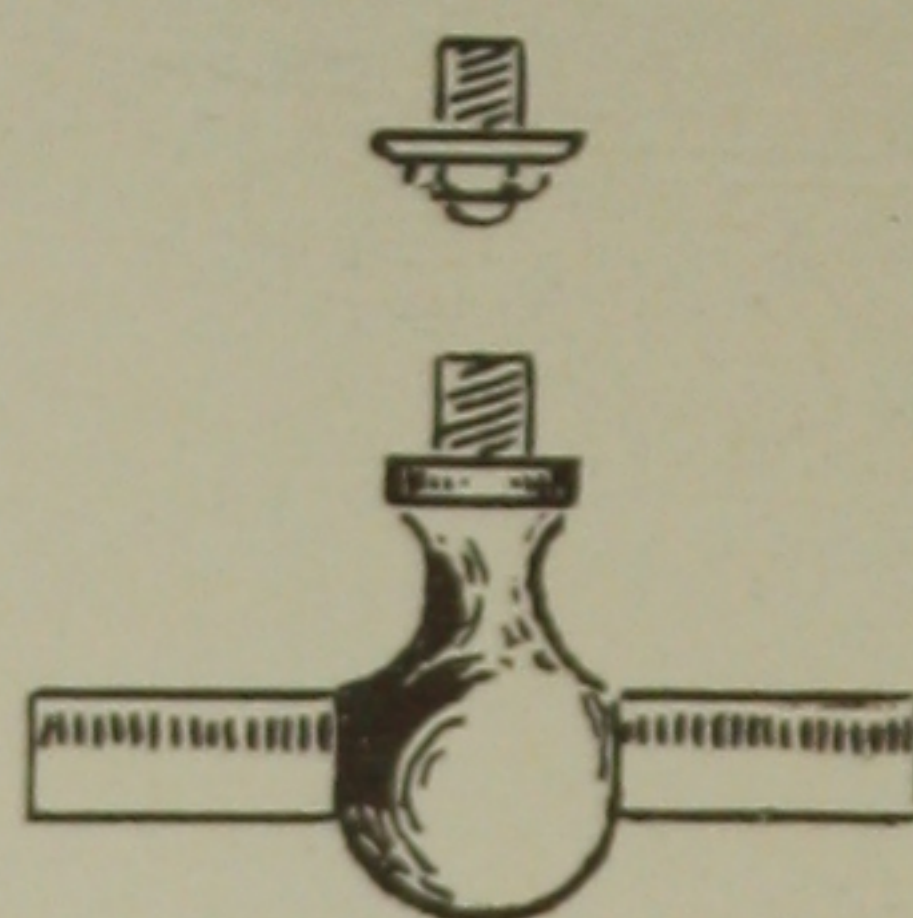
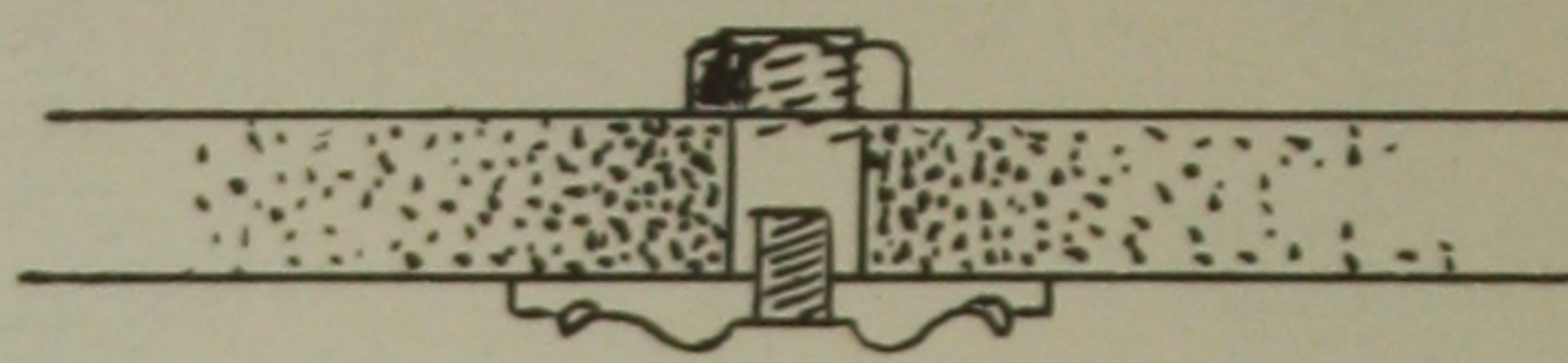


**Vulcan Illustration  
No. 1419**

**Bronze Catacomb Fastener**

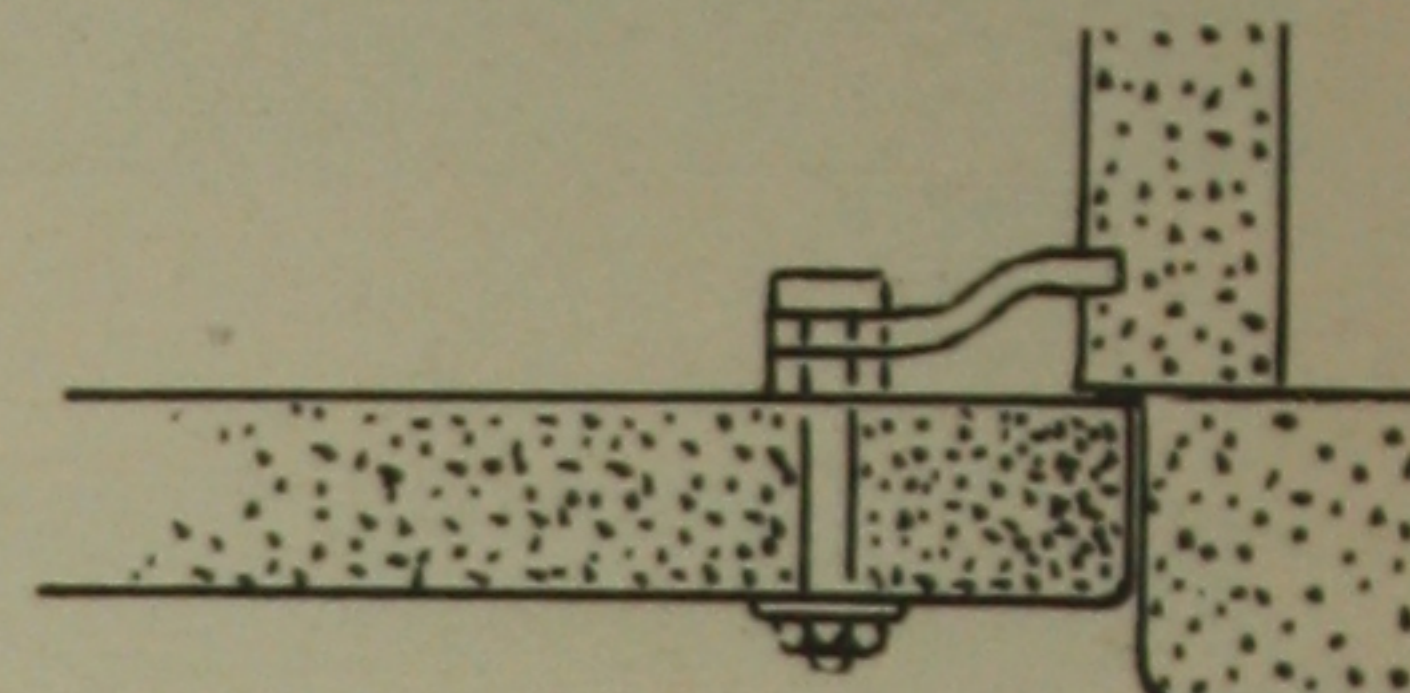
This style fastener consists of a bronze angle knee which is securely fastened to inner wall of catacomb with screws set in lead expansion shields. Front is held in place with hexagon head machine screw through marble.

**Price, each .....\$2.00**



**Vulcan Illustration  
No. 1421**

This illustration shows how our lifters are used on fronts. See page 39 for styles and prices.

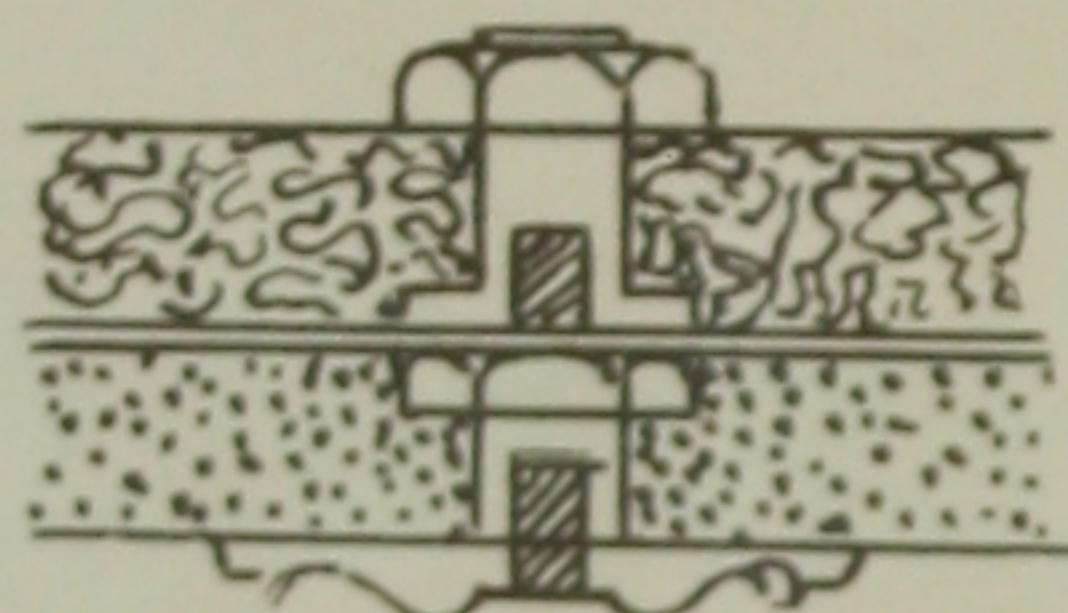


**Vulcan Illustration  
No. 1420**

**Bronze Catacomb Fastener**

This style fastener consists of a bronze rotation finger which locks into groove made in catacomb wall. It is operated from the outside with hexagon head bolt through the marble front.

**Price, each .....\$1.50**



**Vulcan Illustration  
No. 1422**

**Lifting Arrangement  
For Double Crypt Fronts**

This arrangement combines our No. 1423 lifter with any of our rosette lifters shown on page 39.

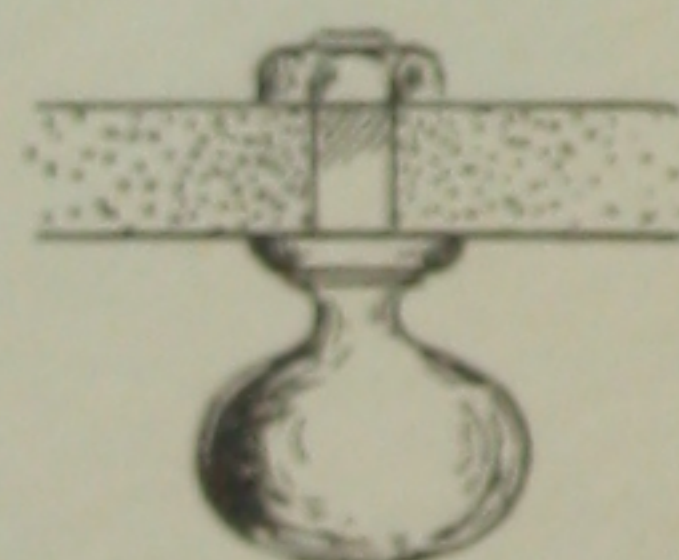


**Vulcan Illustration  
No. 1423**

**Lifters for Slate Fronts**

Can be used with any of our rosette lifters illustrated on page 39.

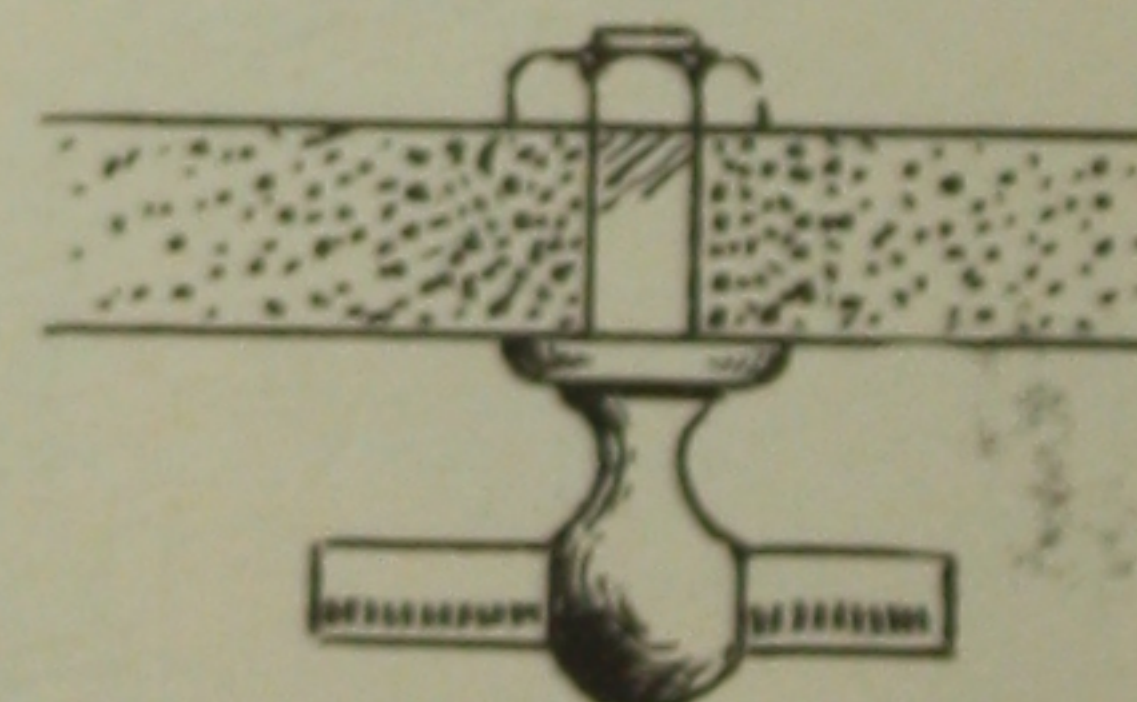
**Price, each .....\$1.00**



**Vulcan Illustration  
No. 1424**

**Bronze Catacomb Knob**

**Price, each .....\$1.20**



**Vulcan Illustration  
No. 1425**

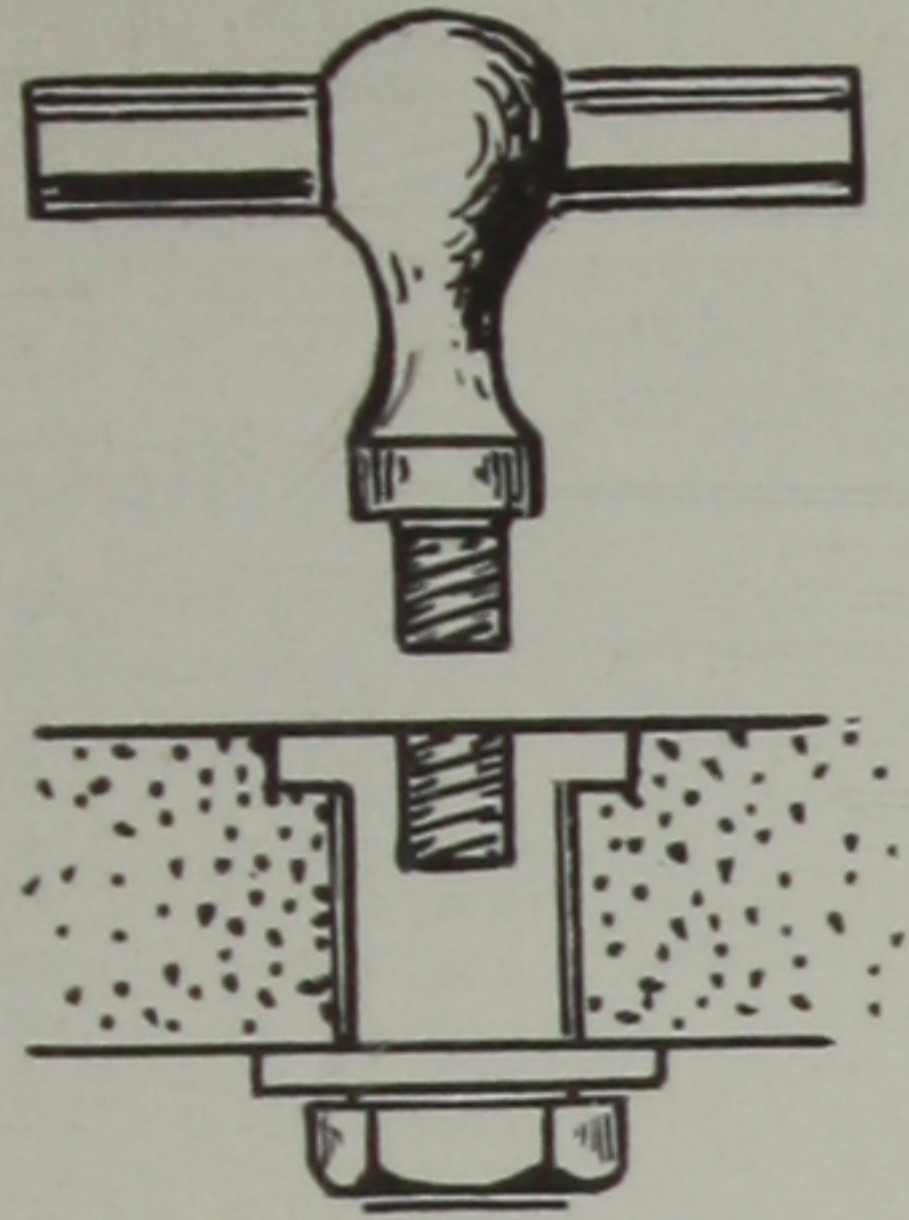
**Bronze Catacomb Handle**

**Price, each .....\$1.50**



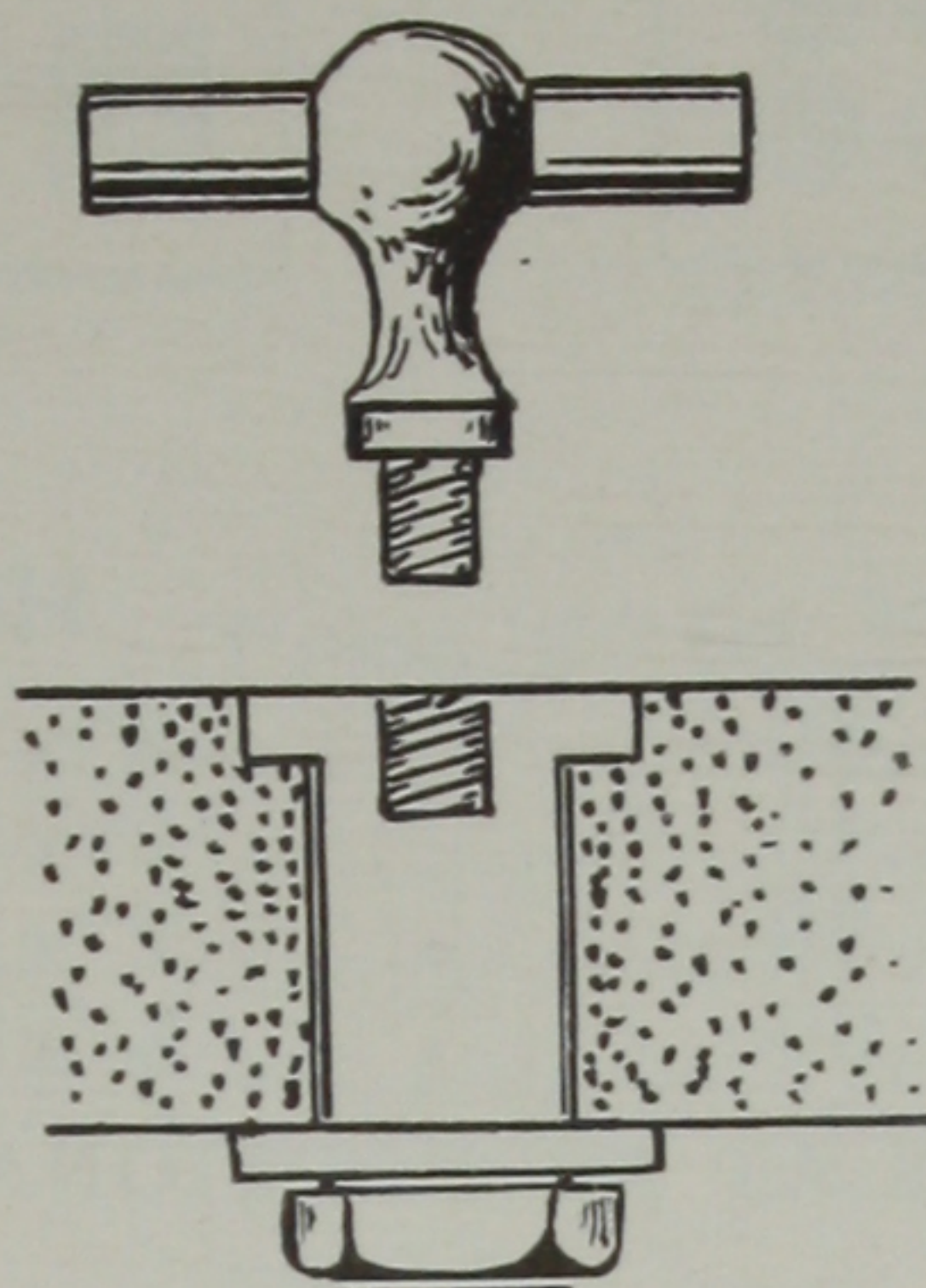
## STANDARD BRONZE FLOOR LIFTERS

Scale About 3" to One Foot



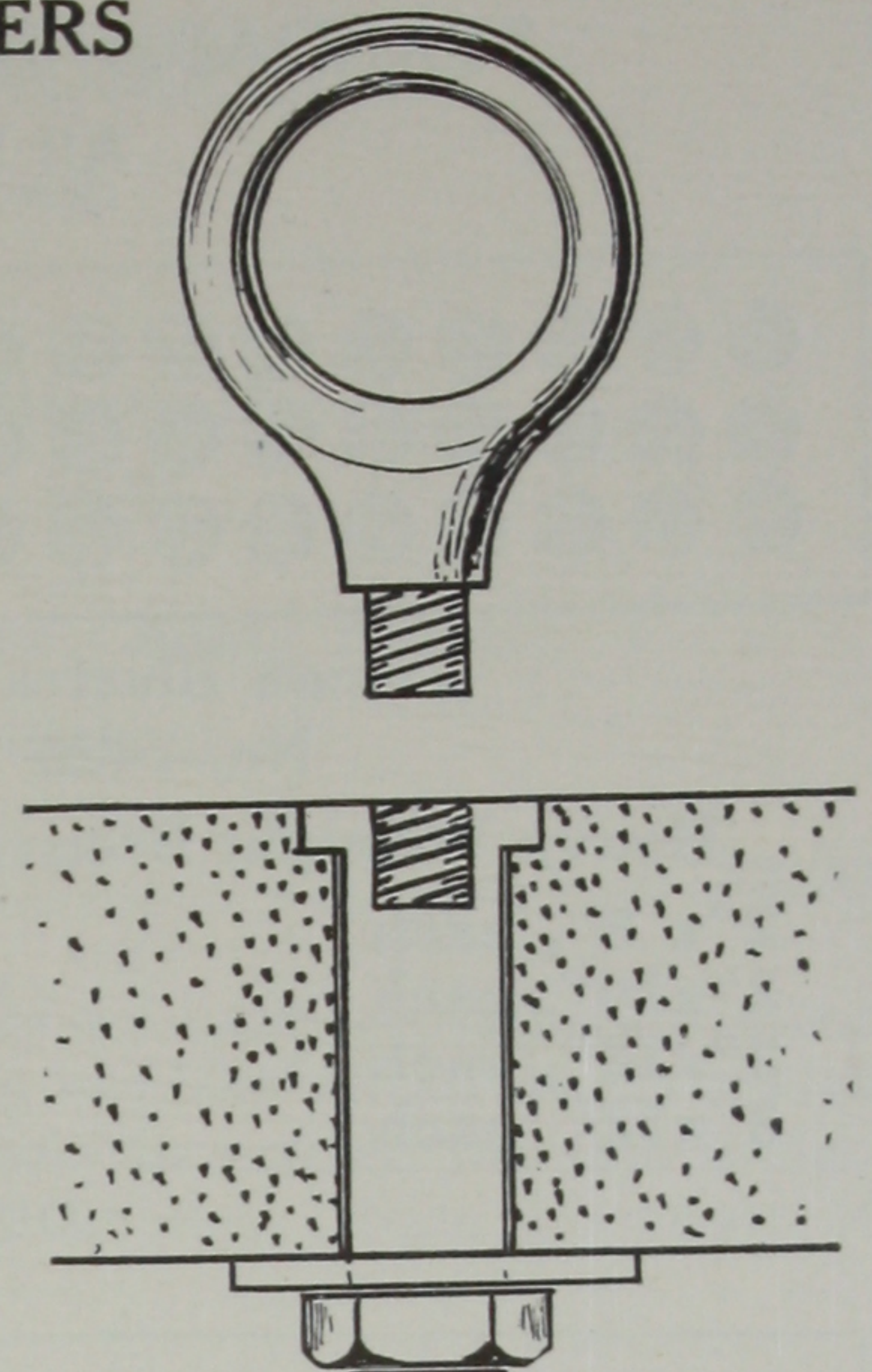
Vulcan Illustration  
No. 1426

For Floors  $\frac{7}{8}$ " to  $1\frac{1}{4}$ " Thick  
Price, each .....\$4.00



Vulcan Illustration  
No. 1427

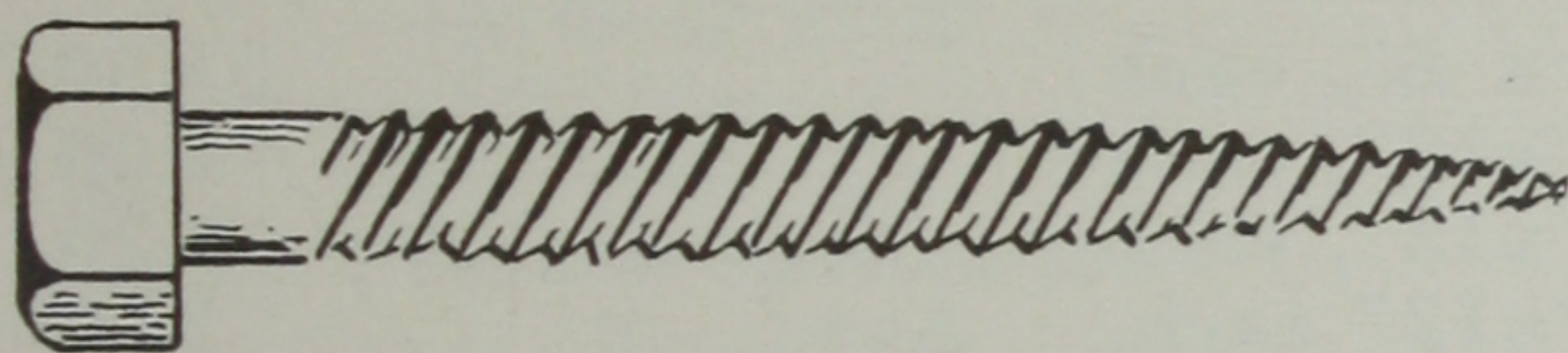
For Floors  $1\frac{1}{2}$ " to 2" Thick  
Price, each .....\$5.00



Vulcan Illustration  
No. 1428

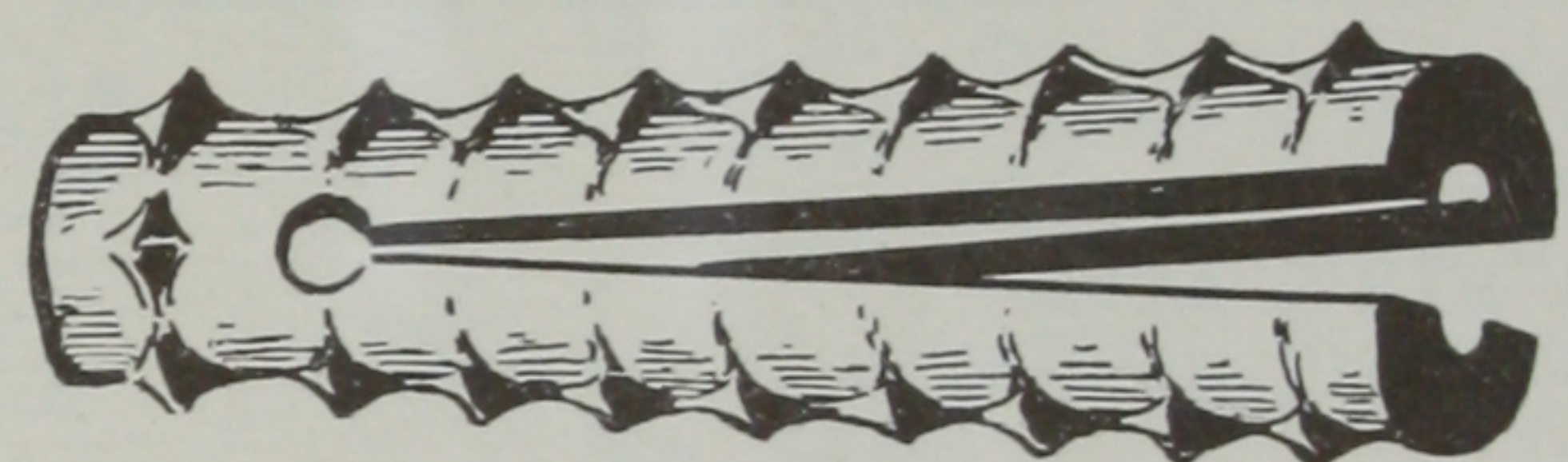
For Floors 3" to 4" Thick  
Price, each .....\$8.00

Above Prices are for Lifters Complete as Illustrated.



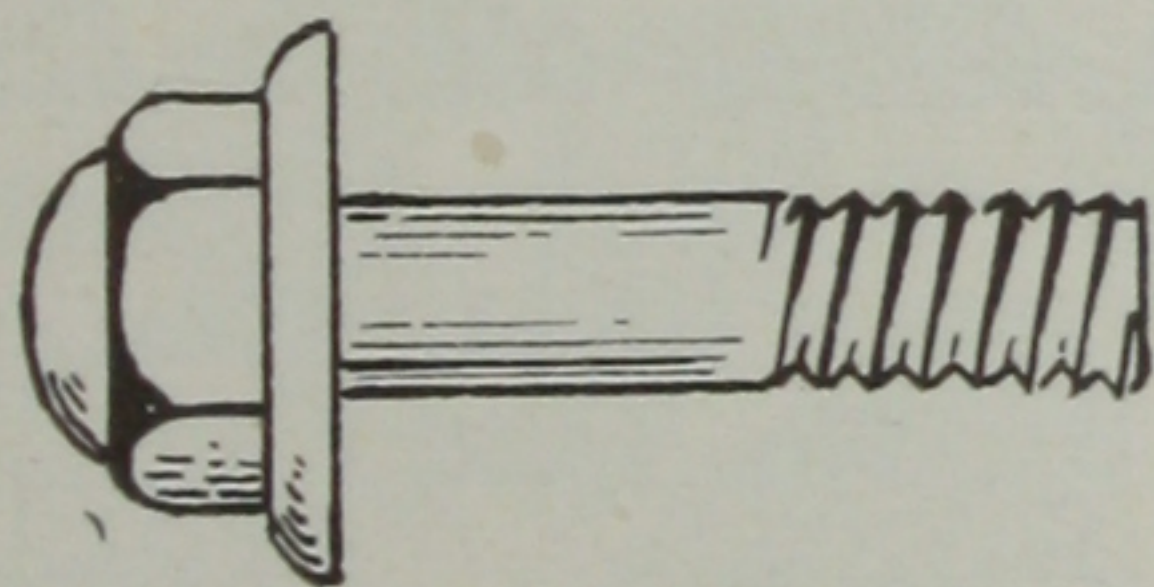
Vulcan Illustration  
No. 1429

Hexagon Head Bronze Lag Screws  
All Sizes. Prices on Application.



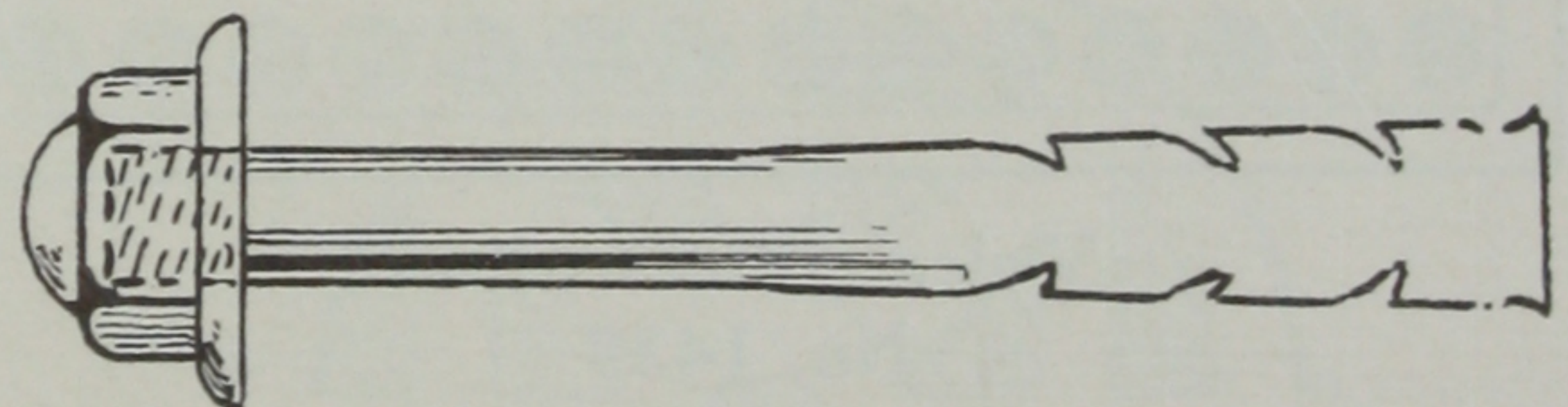
Vulcan Illustration  
No. 1430

"Diamond" Comp. Expansion Shields  
All Sizes. Prices on Application.



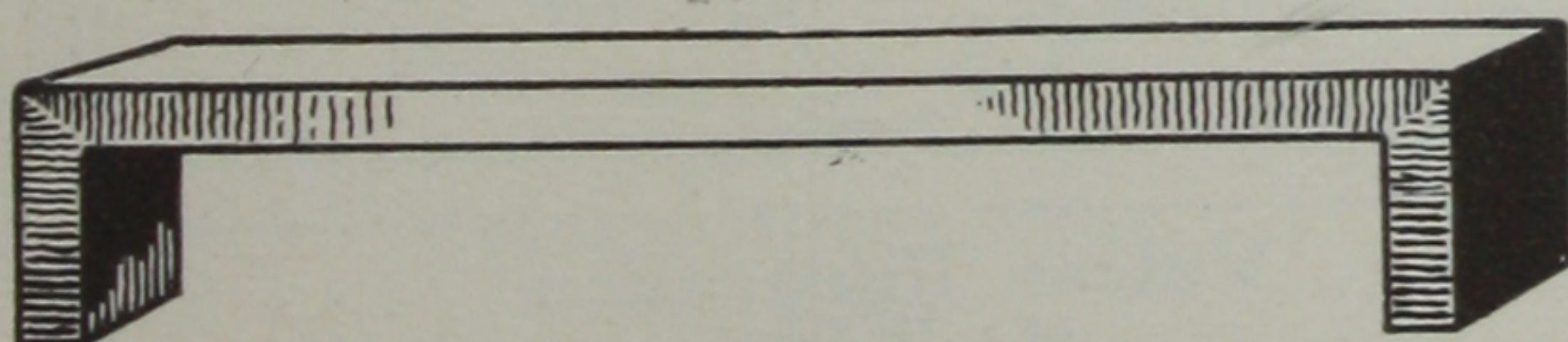
Vulcan Illustration  
No. 1431

Bonnett Head Bronze Machine Screws  
All Sizes. Prices on Application.



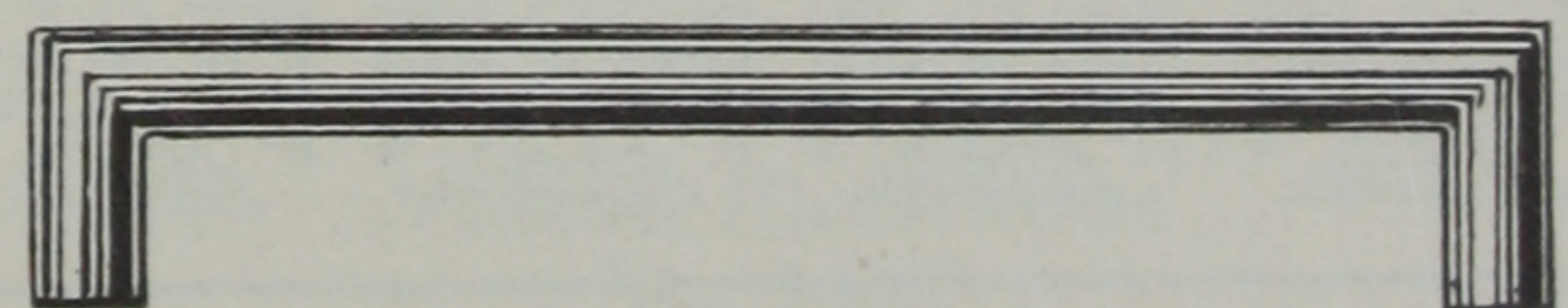
Vulcan Illustration  
No. 1432

Bronze Bolts with Bonnet Heads  
All Sizes. Prices on Application.



Vulcan Illustration  
No. 1433

Bronze Anchors and Dowels  
All Sizes. Prices on Application.



Vulcan Illustration  
No. 1434

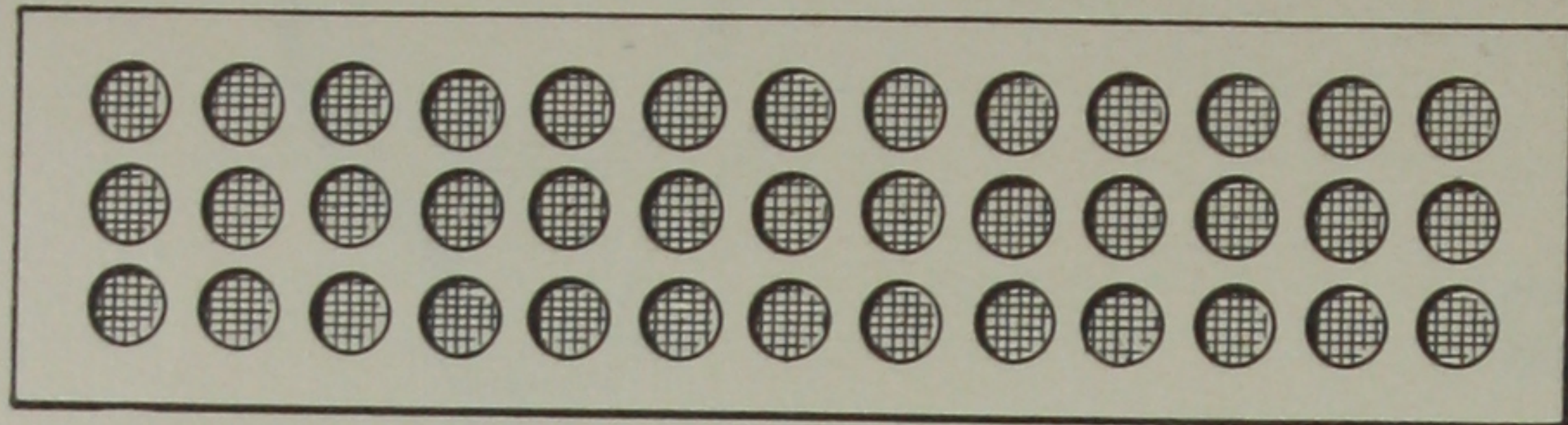
Bronze Anchors and Dowels  
All Sizes. Prices on Application.

SPECIAL HARDWARE OF ALL KINDS TO ORDER. SEND PARTICULARS FOR PRICES.



## STANDARD BRONZE VENTILATORS FOR MAUSOLEUMS

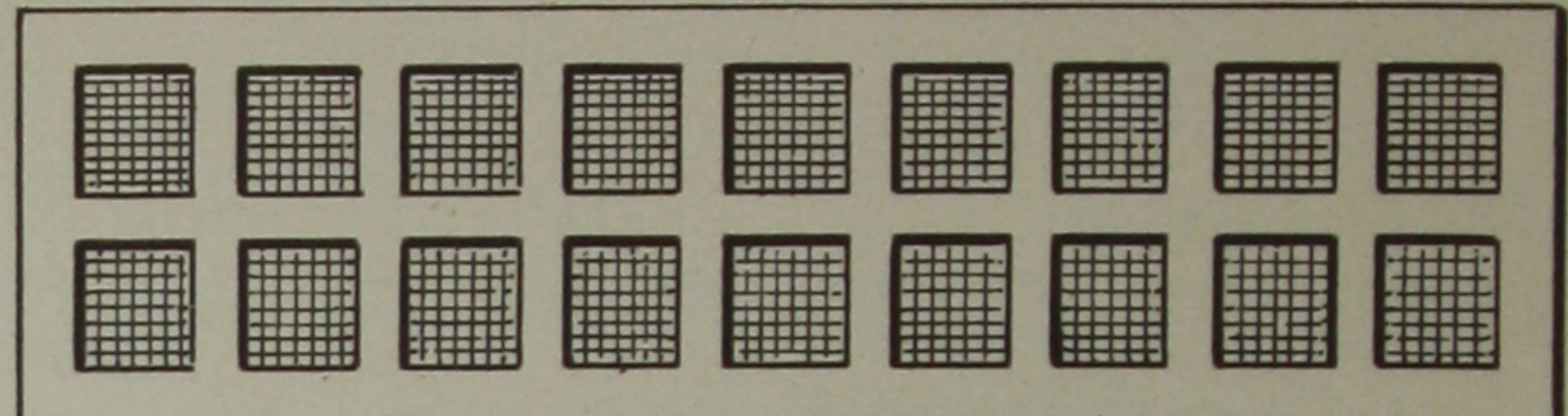
All Ventilators Lined with Heavy Bronze Screen



Vulcan Illustration  
No. 1435

Heavy Wrought Bronze Ventilator

2"x 8", each	\$1.30
2"x10", each	1.40
2"x12", each	1.50
3"x12", each	1.90

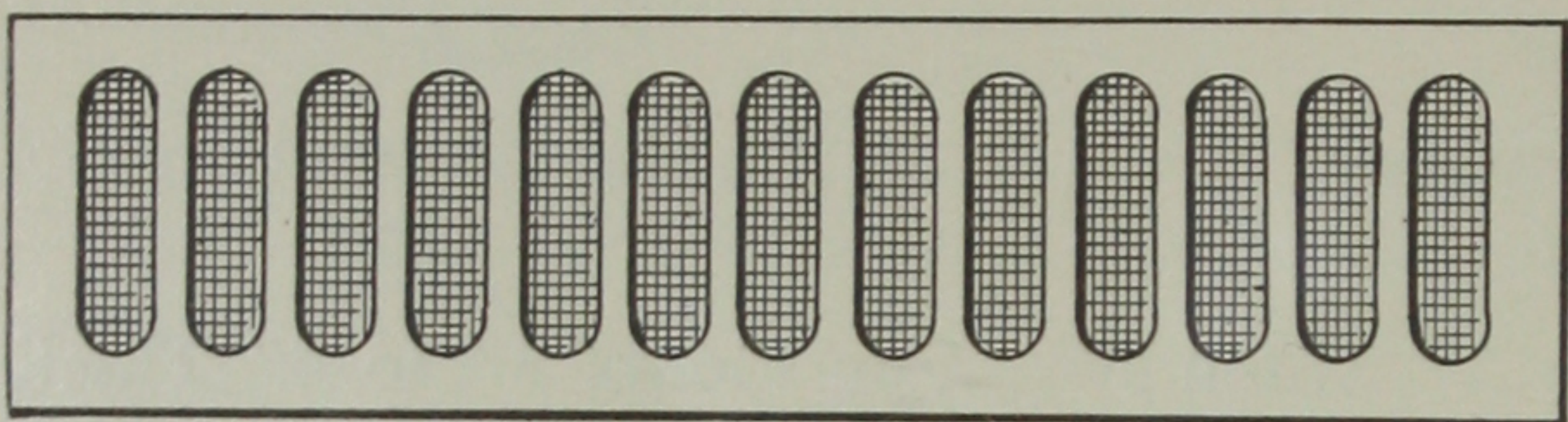


Vulcan Illustration  
No. 1436

Heavy Wrought Bronze Ventilator

2"x 8", each	\$1.40
2"x10", each	1.50
2"x12", each	1.60
3"x12", each	2.00

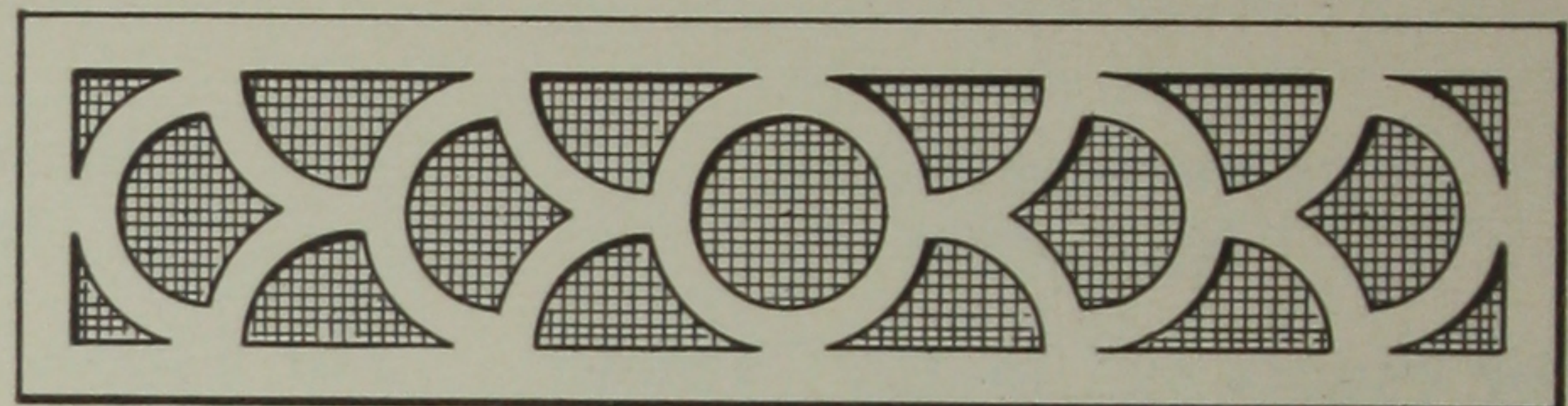
OTHER SIZES AT PROPORTIONATE PRICES



Vulcan Illustration  
No. 1437

Heavy Cast Bronze Ventilator

2"x 8", each	\$1.60
2"x10", each	1.80
2"x12", each	2.00
3"x12", each	2.25

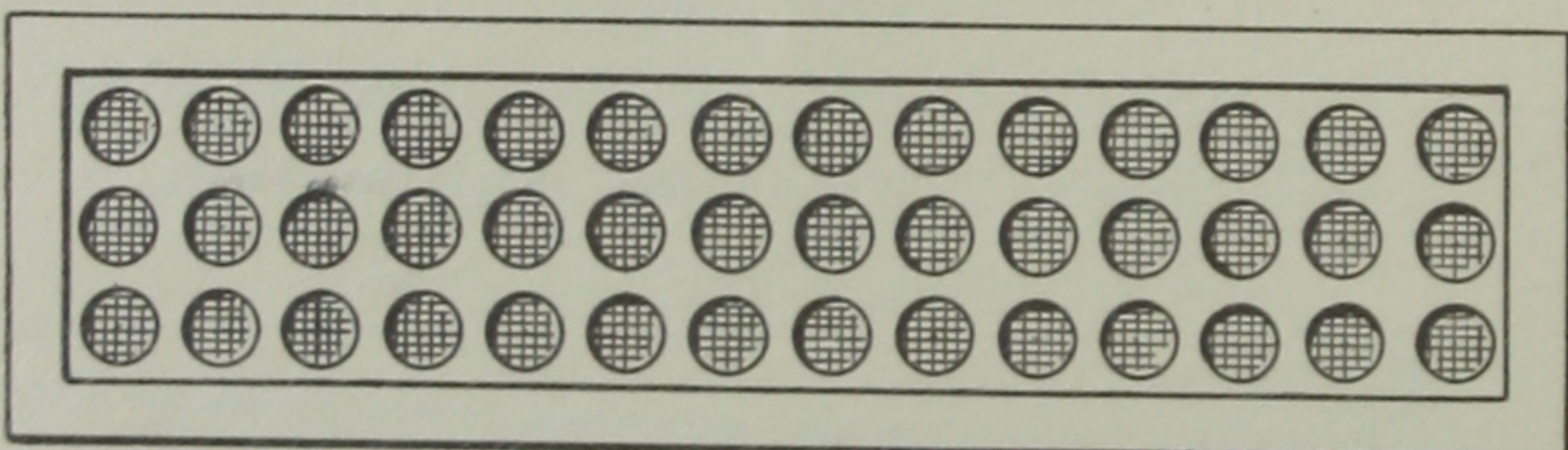


Vulcan Illustration  
No. 1438

Heavy Cast Bronze Ventilator

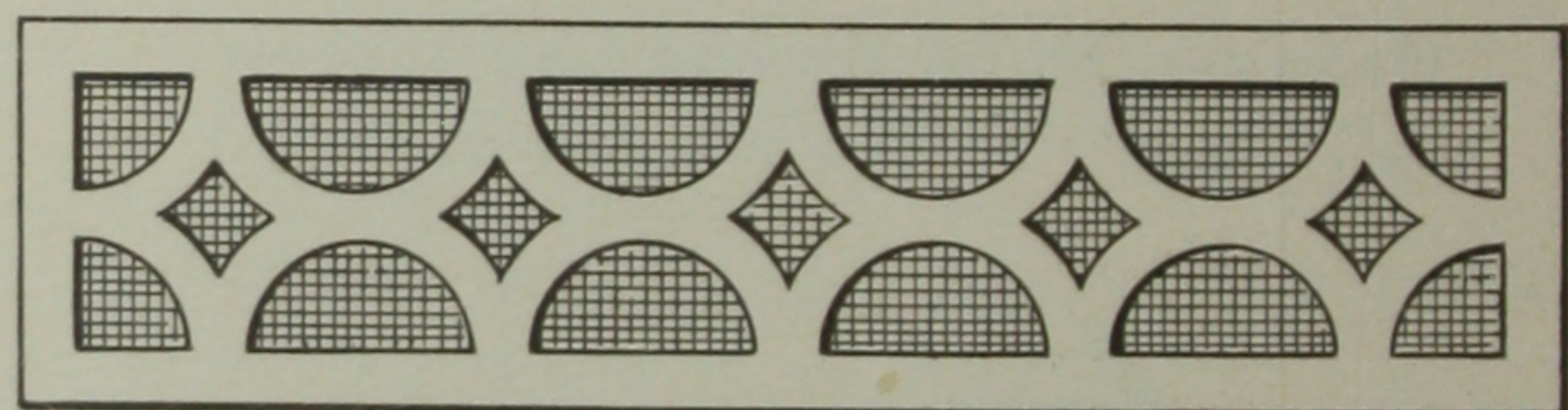
2"x 8", each	\$1.80
2"x10", each	2.00
2"x12", each	2.20
3"x12" each,	2.50

OTHER SIZES AT PROPORTIONATE PRICES



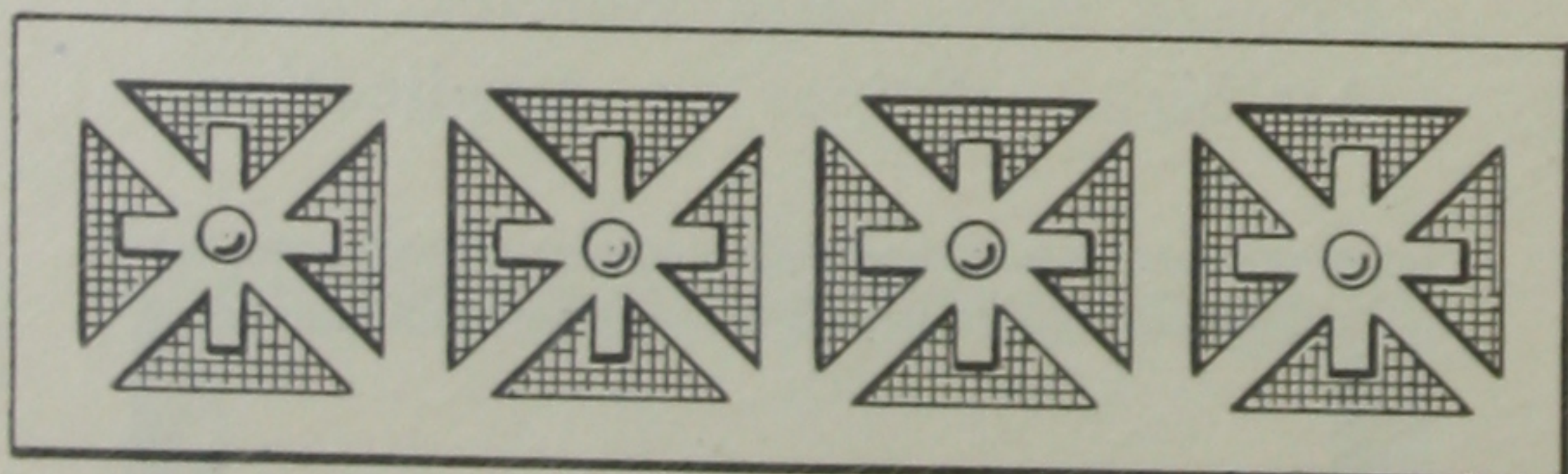
Vulcan Illustration  
No. 1439

Heavy Cast Bronze Ventilator  
Same Price as No. 1437



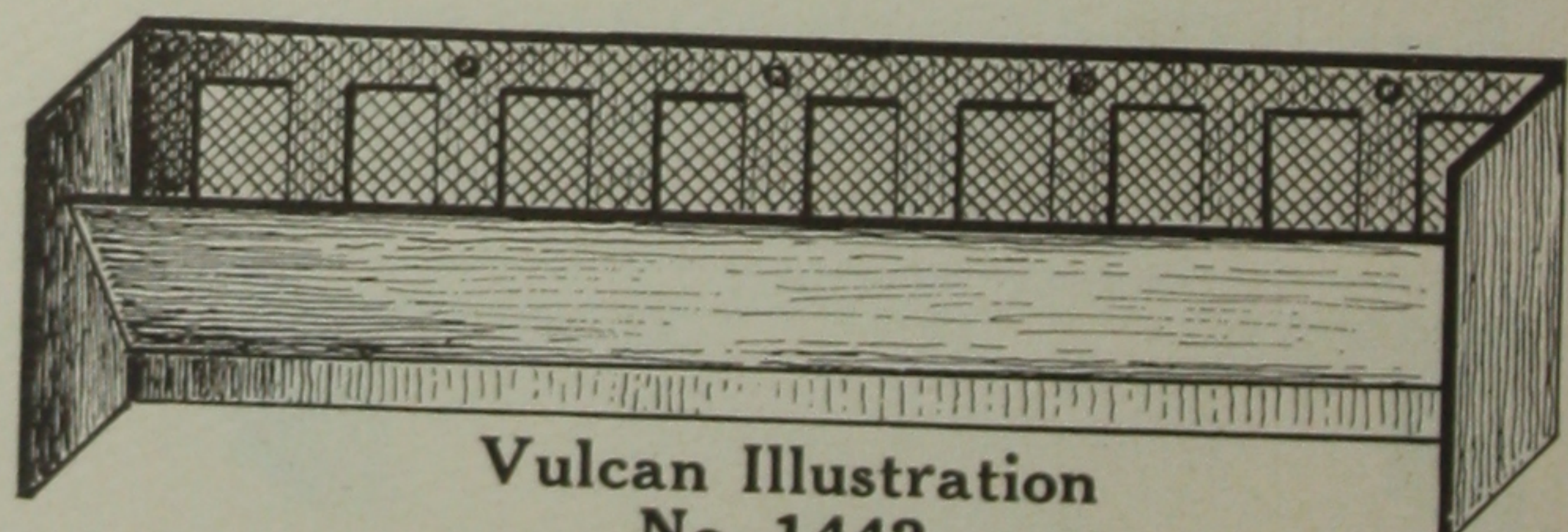
Vulcan Illustration  
No. 1440

Heavy Cast Bronze Ventilator  
Same Price as No. 1438



Vulcan Illustration  
No. 1441

Heavy Cast Bronze Ventilator  
3"x12", each \$2.50



Vulcan Illustration  
No. 1442

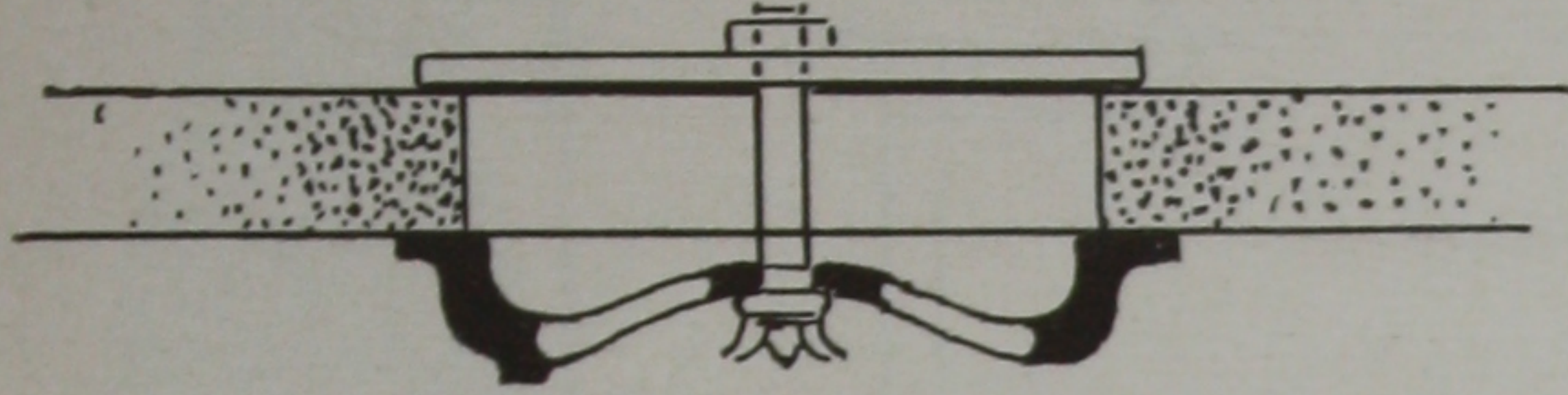
Heavy Wrought Bronze Ventilator  
With return ends and weather shield.  
All designs shown on this page can be so  
fitted at small extra cost.

SPECIAL DESIGNS TO ORDER



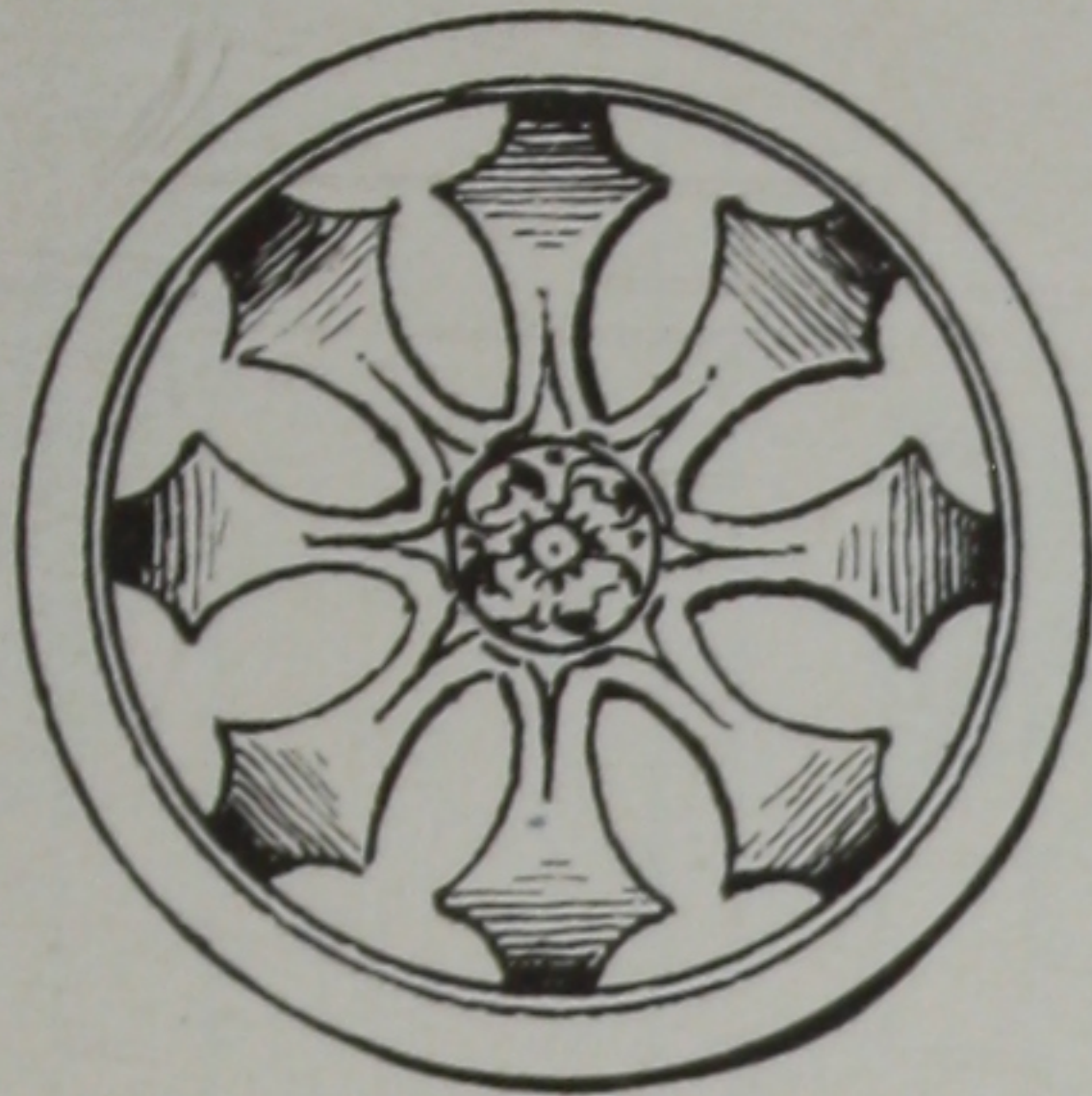
**STANDARD BRONZE VENTILATORS FOR MAUSOLEUMS**

All Ventilators Lined with Heavy Bronze Screen



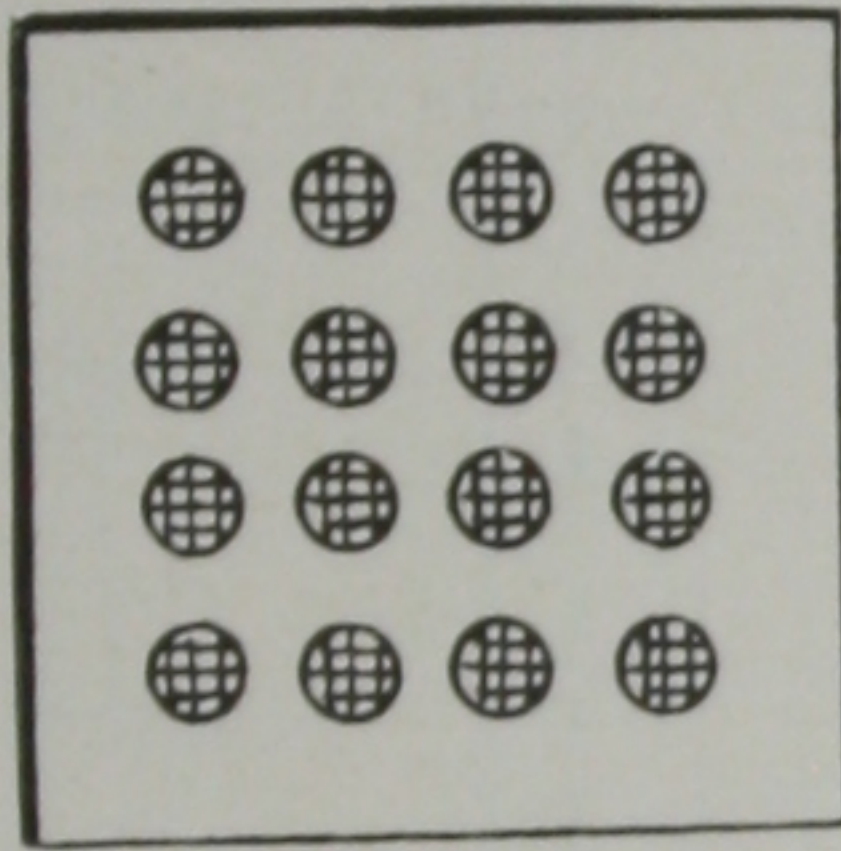
Vulcan Illustration  
No. 1443

Standard Bronze Ceiling Rosette  
—Ventilating—



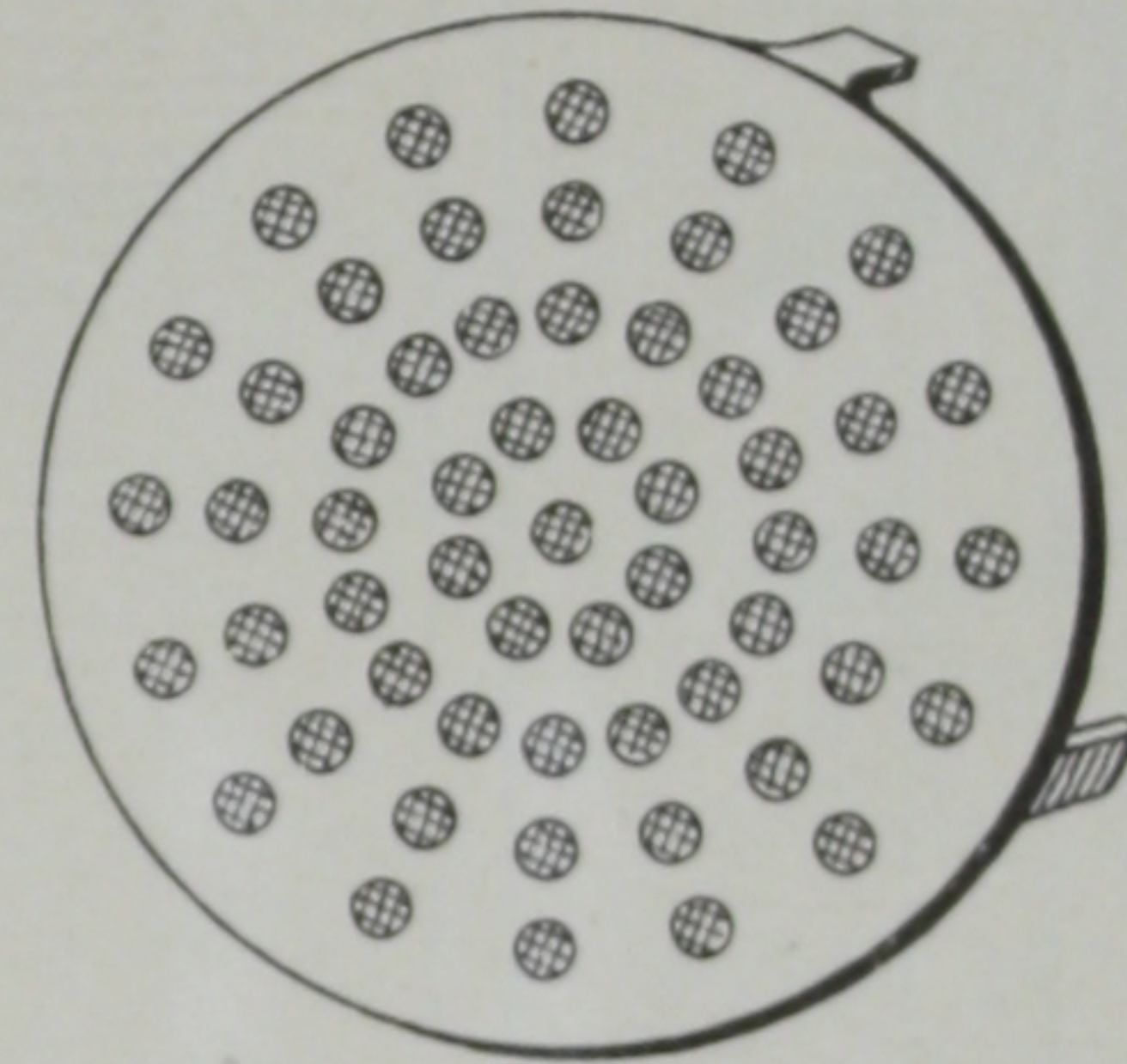
Price, 6" Dia., each .....\$3.00

Where Ventilating Rosettes are used for ceilings without hanger rods they can be held in place with a bronze bridge bar and bolt as shown. Hole in marble for this design should be five inches in diameter. State thickness of marble.



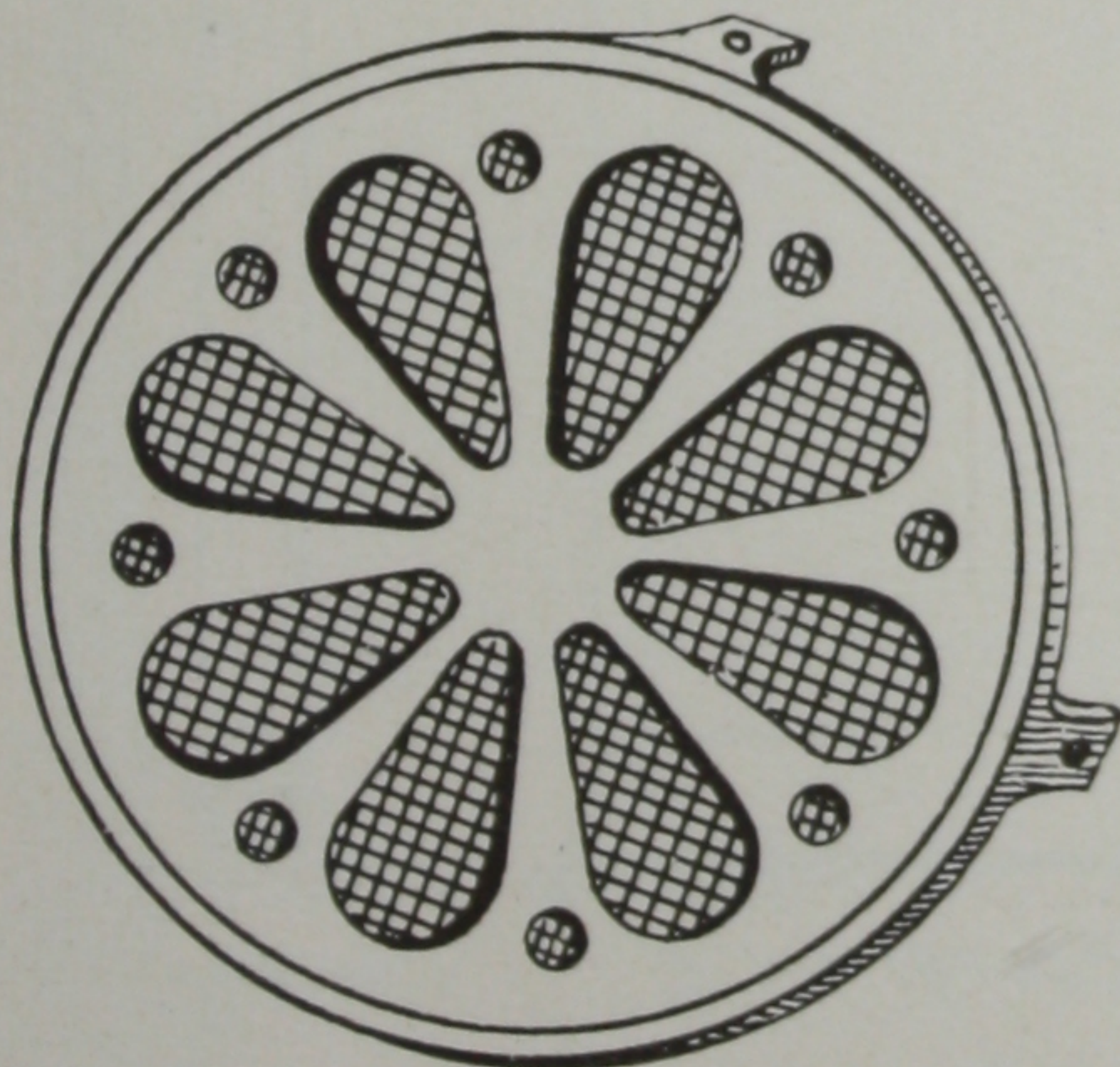
Vulcan Illustration  
No. 1444

Wrought Bronze Ventilator  
Any size to Order



Vulcan Illustration  
No. 1445

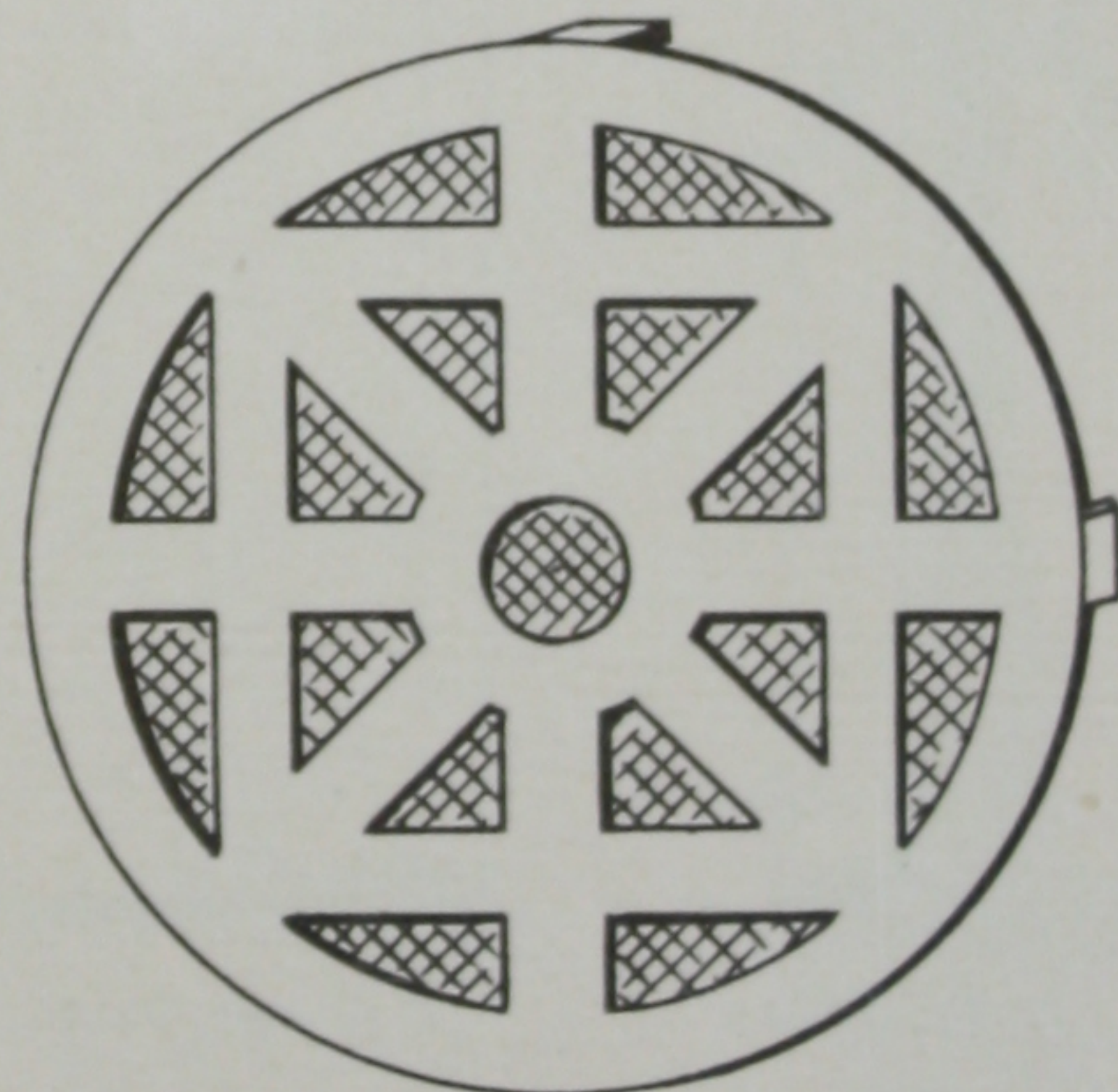
Wrought Bronze Ventilator  
Any size to Order



Vulcan Illustration  
No. 1446

Cast Bronze Ventilator

Price, 6" Dia., each.....	\$3.00
Price, 8" Dia., each.....	4.00
Price, 10" Dia., each.....	5.00
Price, 12" Dia., each.....	6.00



Vulcan Illustration  
No. 1447

Cast Bronze Ventilator

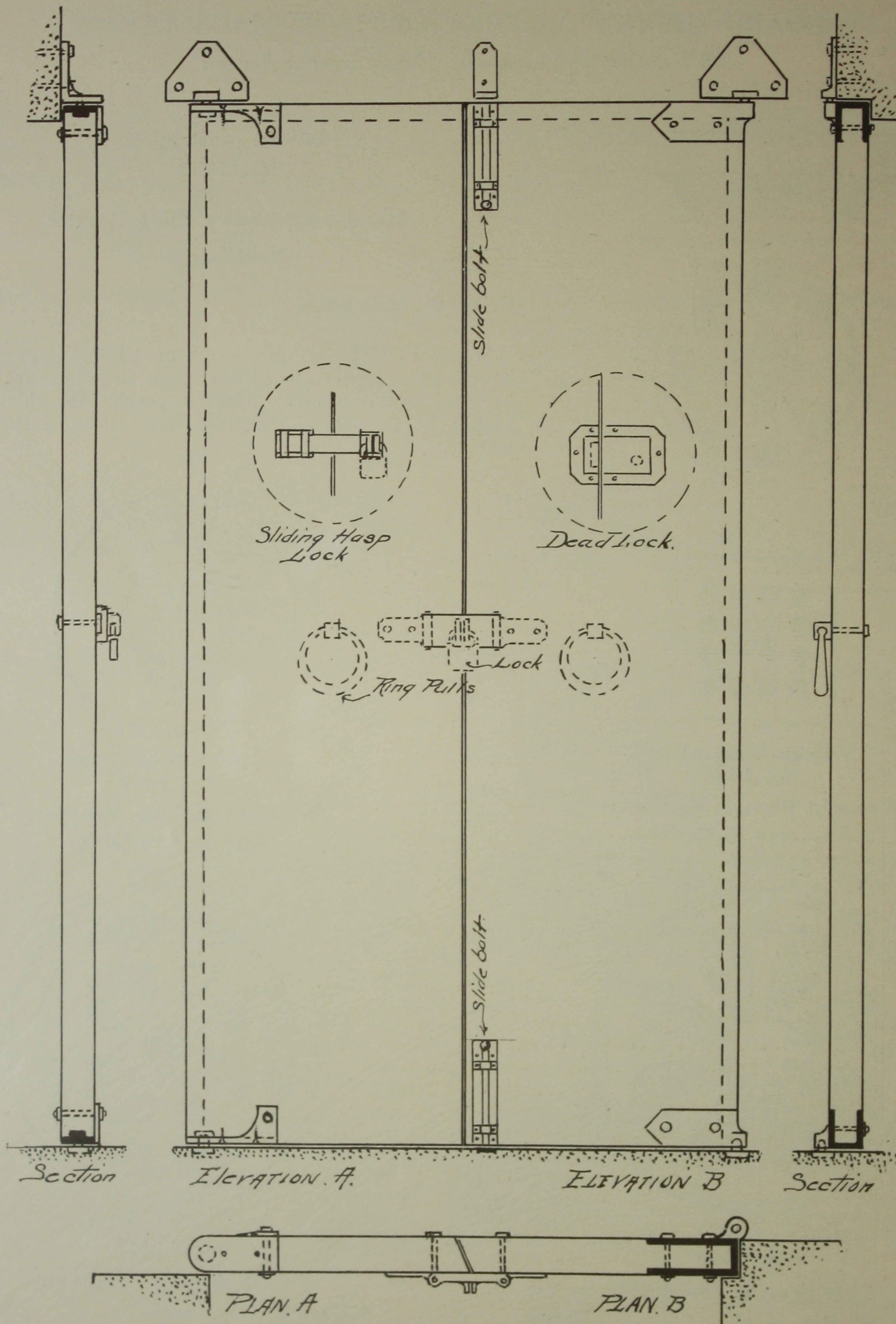
Price, 6" Dia., each.....	\$3.00
Price, 8" Dia., each.....	4.00
Price, 10" Dia., each.....	5.00
Price, 12" Dia., each.....	6.00

SPECIAL VENTILATORS OF ALL KINDS TO ORDER.



**The VULCAN CO.**  
DETROIT - MICH.

**STANDARD BRONZE FITTINGS FOR GRANITE AND MARBLE DOORS**



**Vulcan Illustration No. 1448**

The above illustration shows several suggestions for the proper setting of granite and marble doors. We can supply anything that may be required in this line. We have many stock patterns and will be pleased to suggest the best method for your requirements upon receipt of particulars.

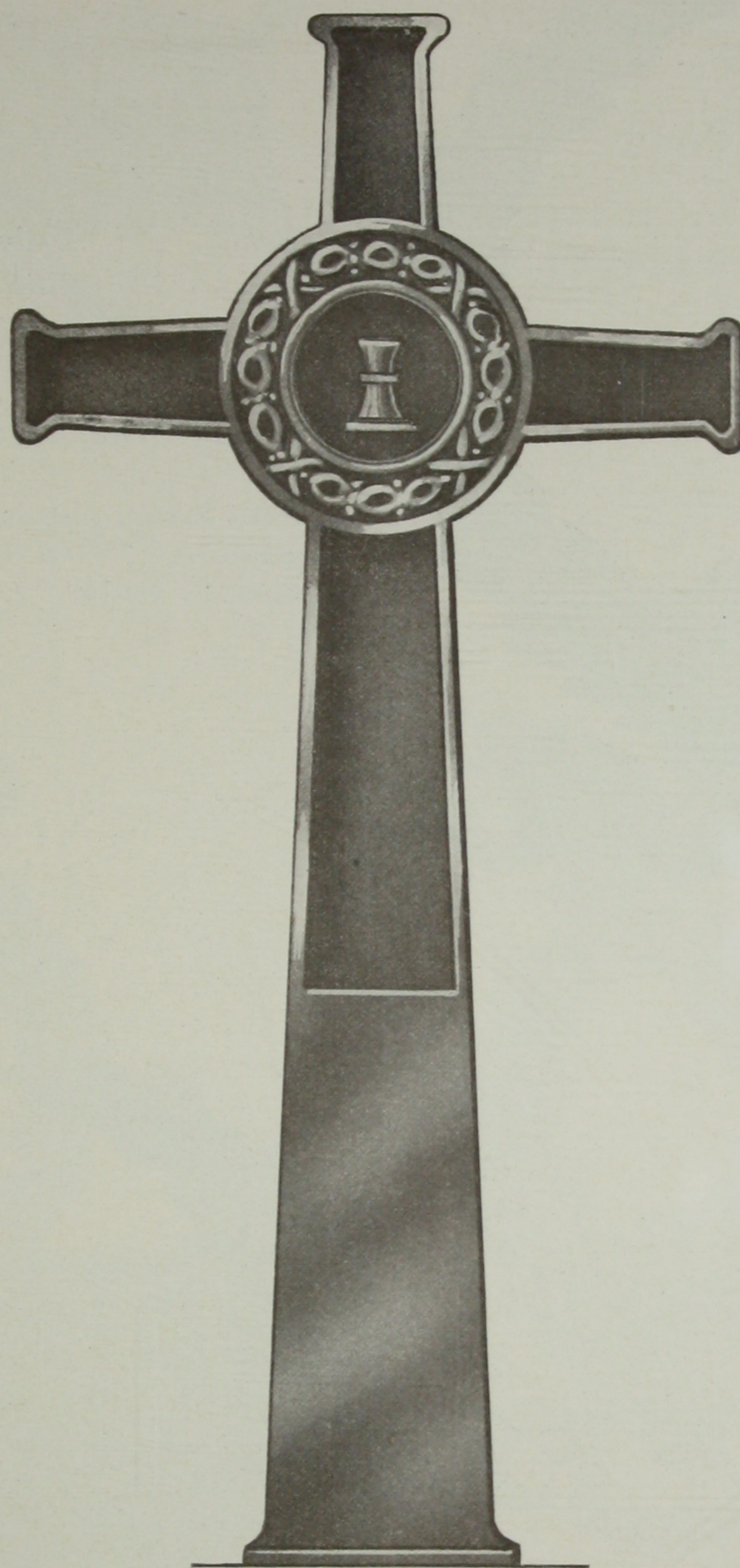


**HEAVY CAST STANDARD BRONZE ORNAMENTS**

With Attachments for Stone



Vulcan Illustration  
No. 1449  
Wreath and Palm  
Branch  
Price, 20" long,  
each .....\$10.00



Vulcan Illustration  
No. 1451

**Cast Bronze Grave Marker**

The above illustration suggests an inexpensive cast bronze grave marker of Celtic Design. To be mounted on granite base.

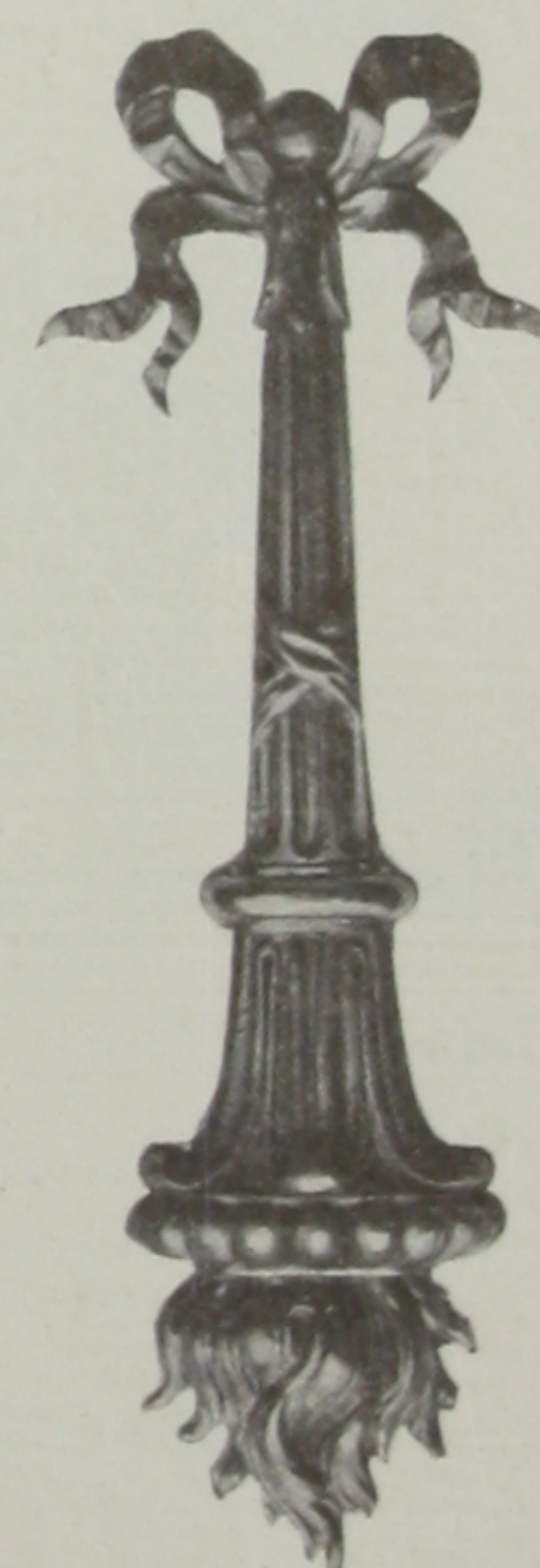
Designs and prices on application.



Vulcan Illustration  
No. 1450  
Palm Branch  
Price, 23" long,  
each .....\$10.00



Vulcan Illustration  
No. 1452  
Inverted Torch  
Price, 18" long,  
each .....\$6.00



Vulcan Illustration  
No. 1453  
Inverted Torch  
Price, 12" long,  
each .....\$5.00



**HEAVY CAST STANDARD BRONZE ORNAMENTS**



**Vulcan Illustration  
No. 1454**

**WREATH**

**Price, 17" Dia, each.....\$12.00**

With wedge pins or burred lugs for attaching same to granite. Often used with letter, seal, or lodge emblem in center.

**Vulcan Illustration  
No. 1455**

**Wreath with Name Plate**

**Price, 17" Dia., each .....\$24.00**

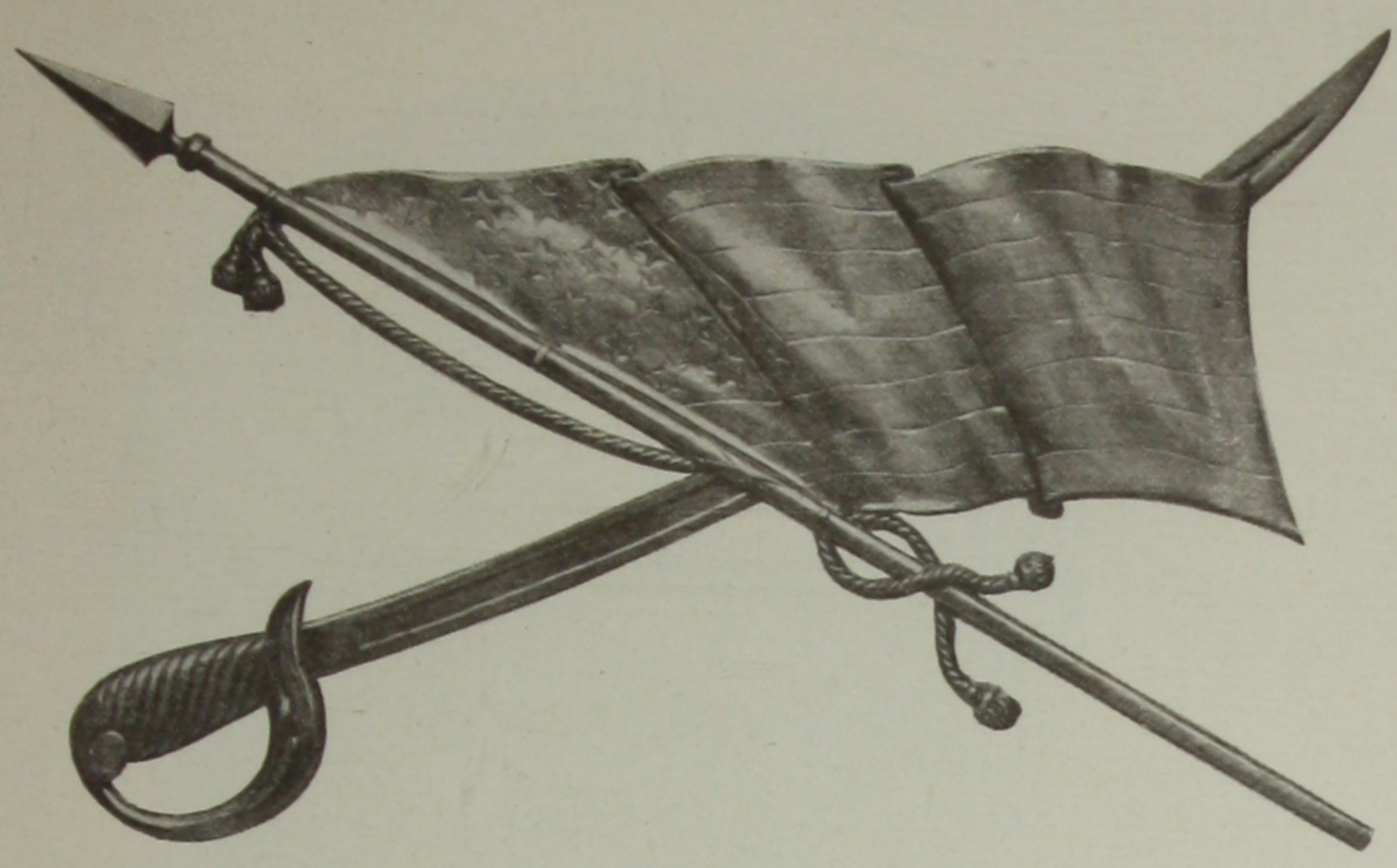
Any lettering that may be desired can be placed on the name-plate.

With wedge pins or burred lugs for attaching to granite.





**HEAVY CAST STANDARD BRONZE ORNAMENTS**

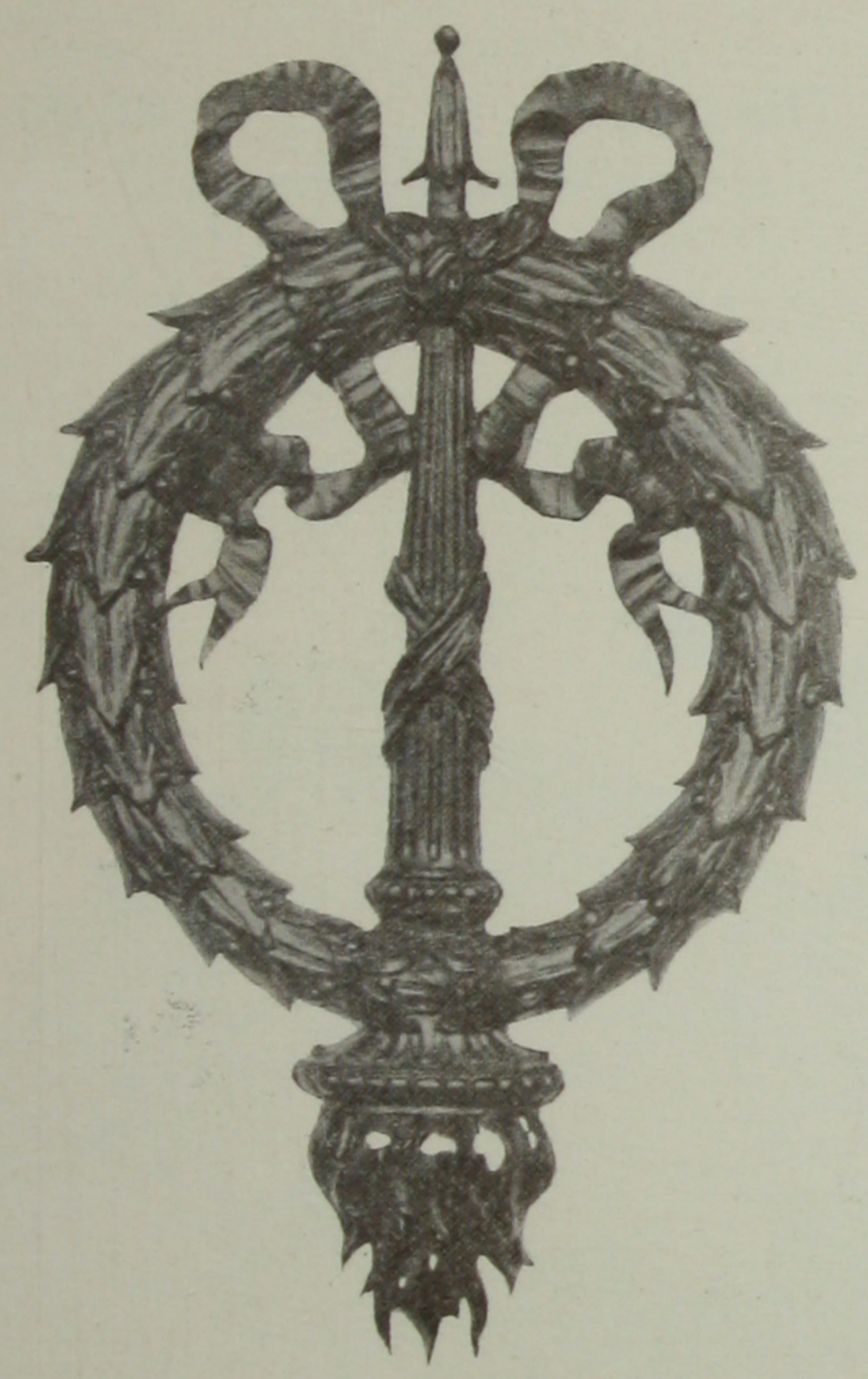


**Vulcan Illustration  
No. 1456**

**FLAG and SABRE**

Well carved in low relief, finished in natural or antique bronze, with wedge pins, or lugs to secure to stone.

**Price, 24"x14", each .....\$21.50**



**Vulcan Illustration  
No. 1456 1/2**

**Combined Wreath and Torch**

**Price, 9"x14 1/2", each .....\$9.00**



**Vulcan Illustration  
No. 1457**

**Combined Wreath and Torches  
Size 31"x32"**

**PRICE ON APPLICATION**



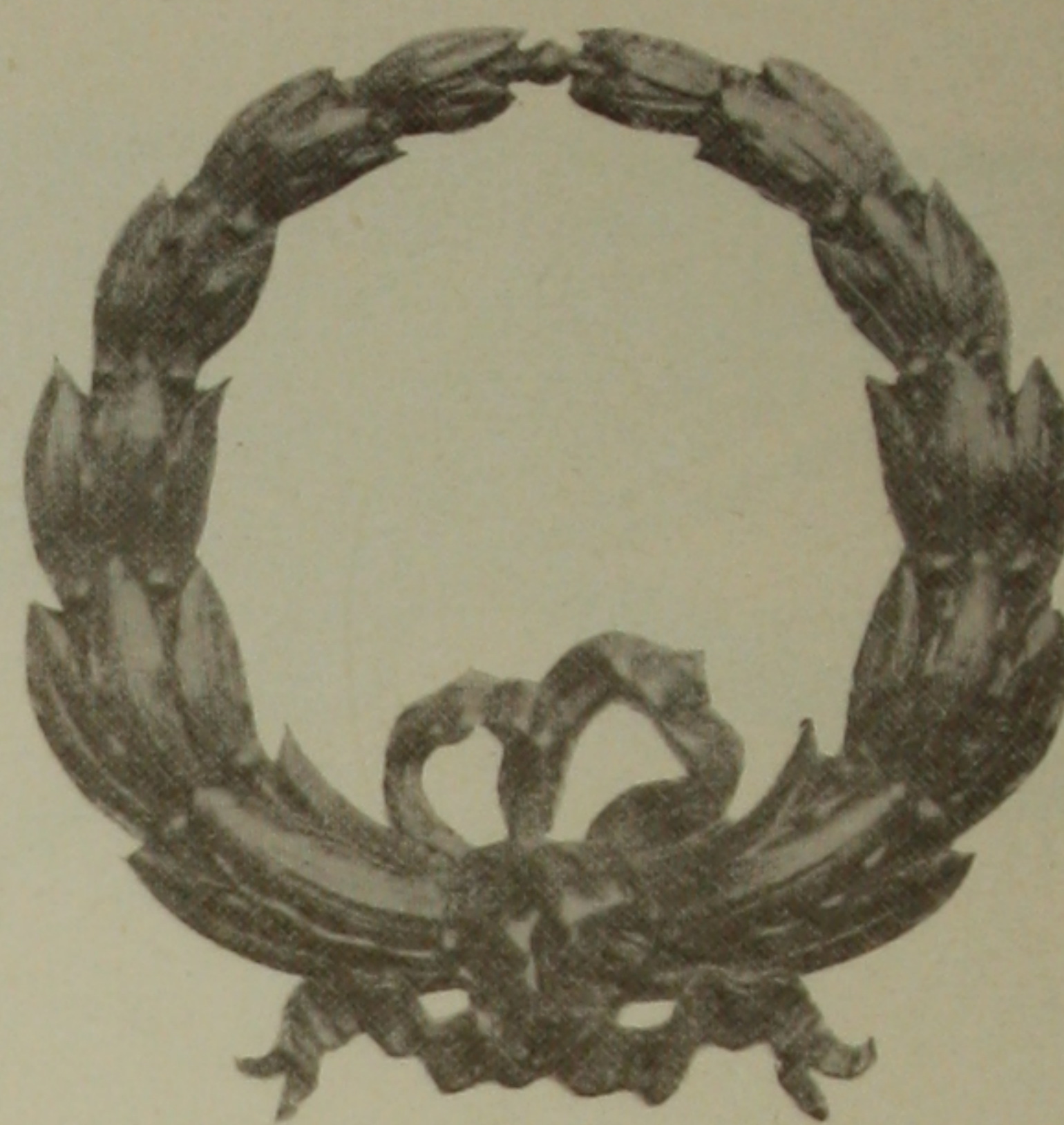
HEAVY CAST STANDARD BRONZE ORNAMENTS



Vulcan Illustration  
No. 1458

WREATH

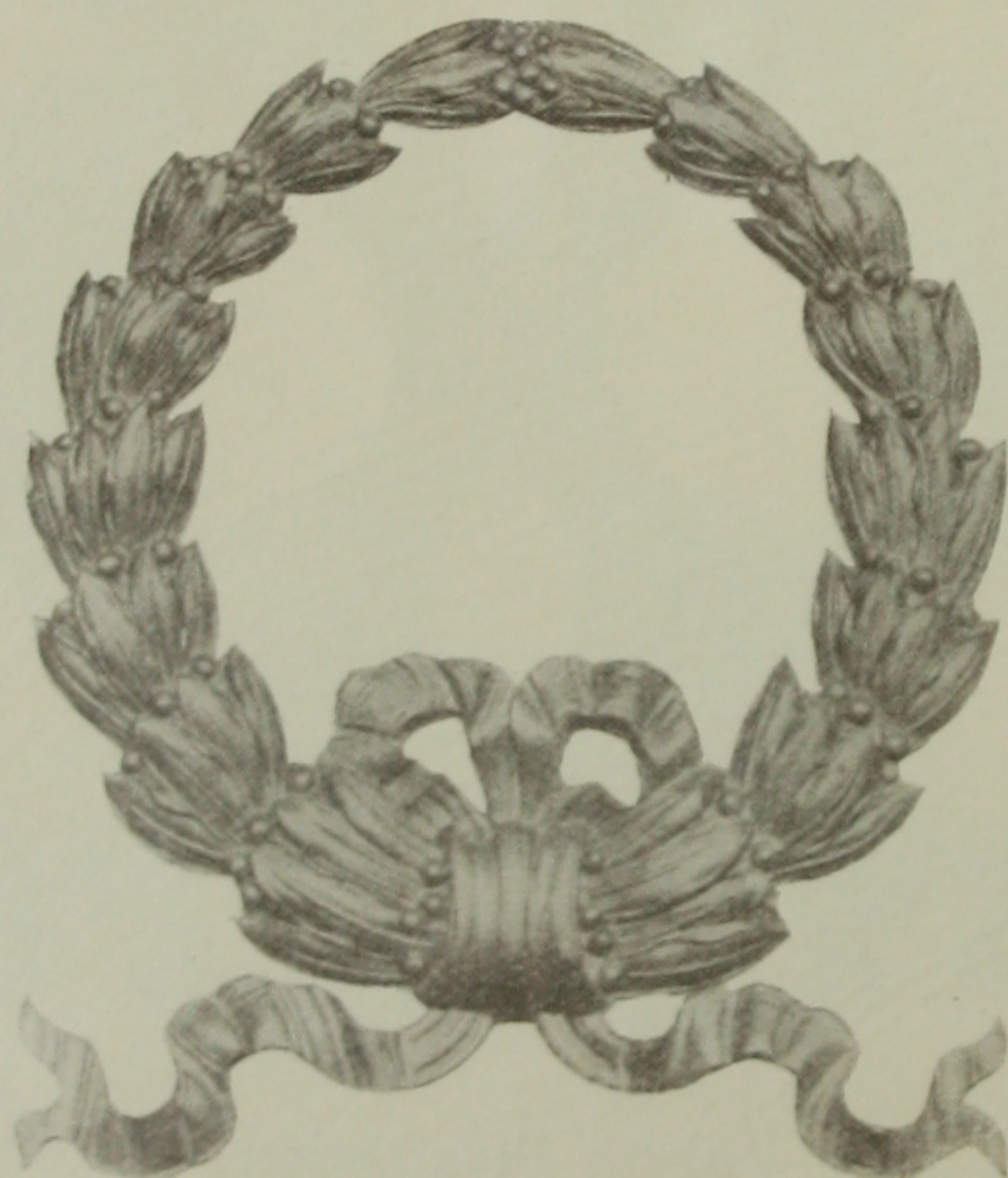
Price, 6" Dia., each .....\$5.00



Vulcan Illustration  
No. 1459

WREATH

Price, 9" Dia., each .....\$6.00



Vulcan Illustration  
No. 1460

WREATH

Price, 12" Dia., each .....\$10.00



Vulcan Illustration  
No. 1461

WREATH

Price, 12" Dia., each .....\$10.00



CAST STANDARD BRONZE SEALS, INSIGNIAS, ETC.



Vulcan Illustration  
No. 1462

Seal—State of Virginia

Price on Application



Vulcan Illustration  
No. 1463

Seal—Confederate States of America

Price on Application



Vulcan Illustration  
No. 1464

Insignia—Woodmen of the World

Price on Application



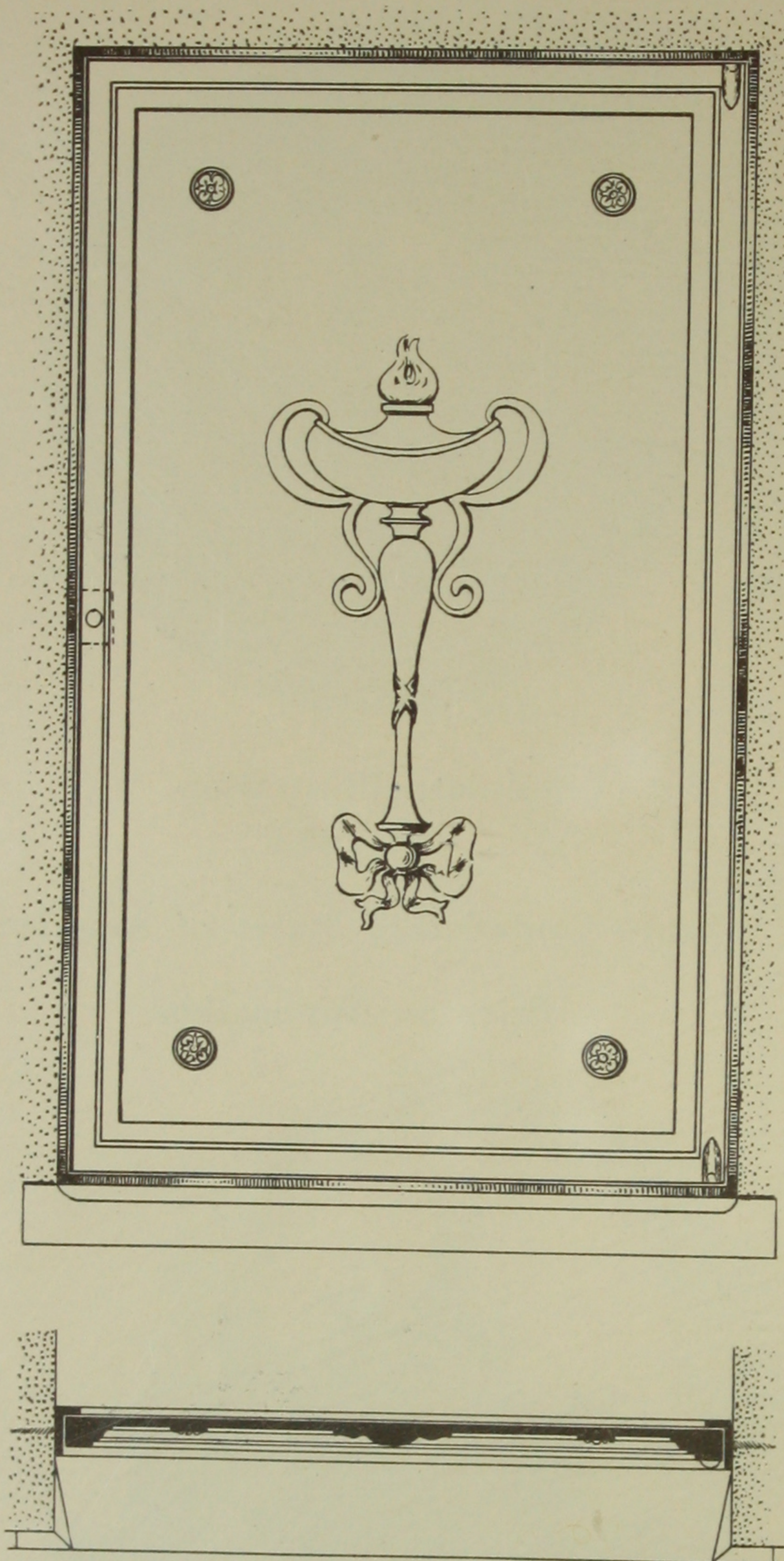
Vulcan Illustration  
No. 1465

Insignia—Daughters of the American  
Revolution

Price on Application



**STANDARD BRONZE COLUMBARIUM DOORS**



**Vulcan Illustration  
No. 1466**  
**Columbarium Door**  
Special Designs to Order  
Prices on Application

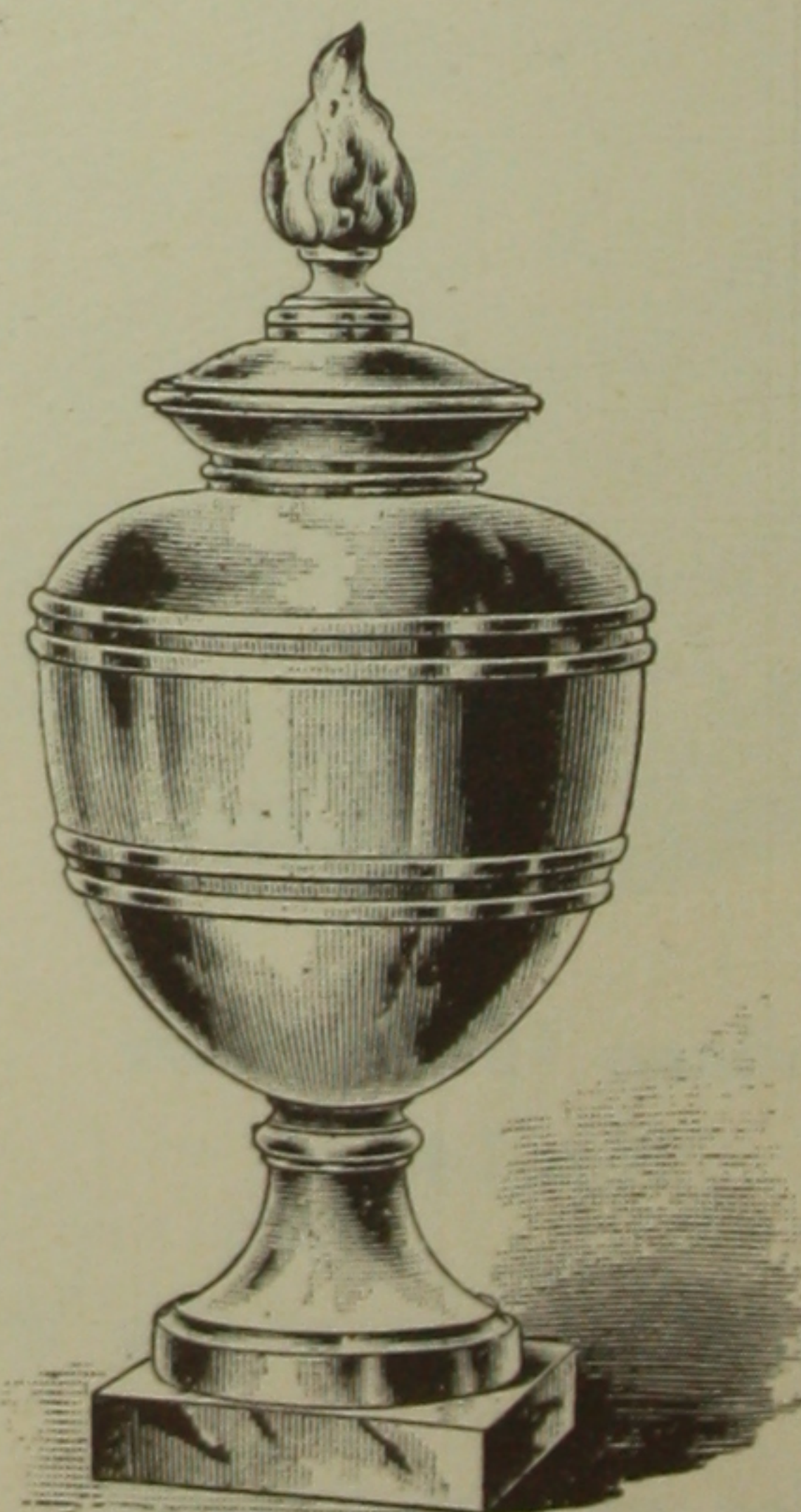


**Vulcan Illustration  
No. 1467**  
**Columbarium Door**  
This design combines memorial tablet  
with door. Price on application.

**Vulcan Illustration No. 1468**  
**Bronze Urn for Ashes**

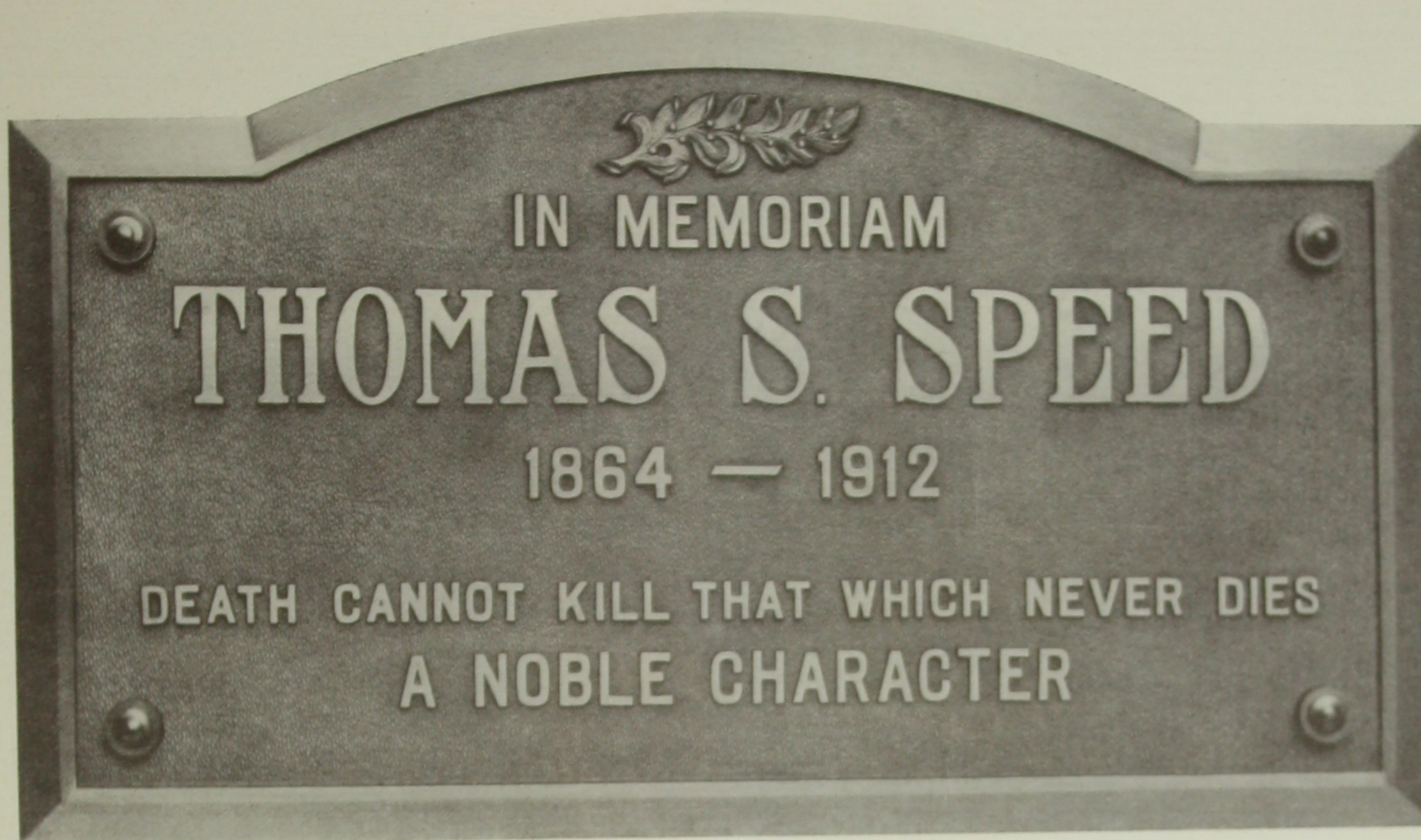
Design illustrated 17" high and 7 $\frac{1}{4}$ " diameter.  
Top made to screw in place.

**Price on Application**  
**Special Designs to Order**

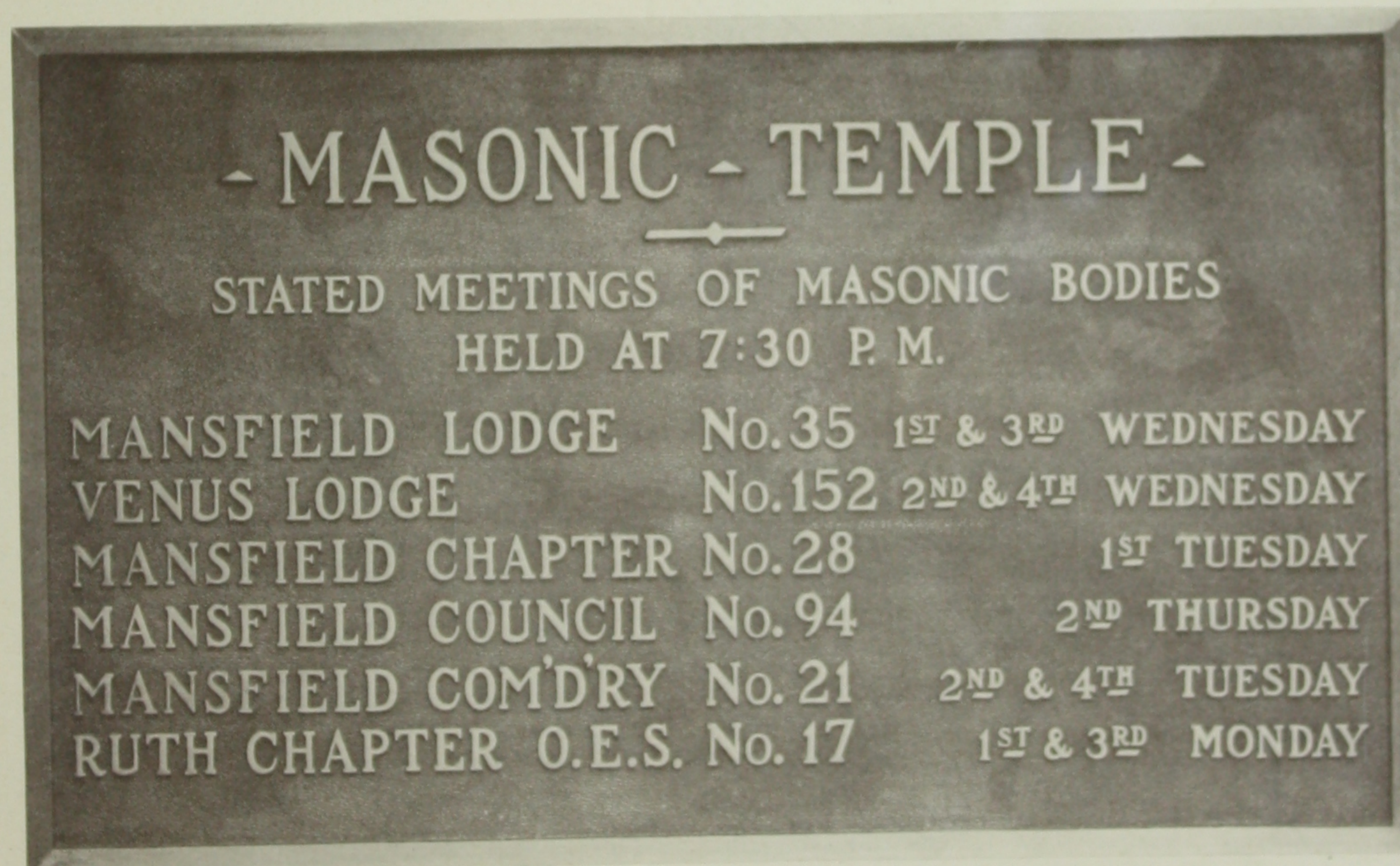




CAST STANDARD BRONZE TABLETS



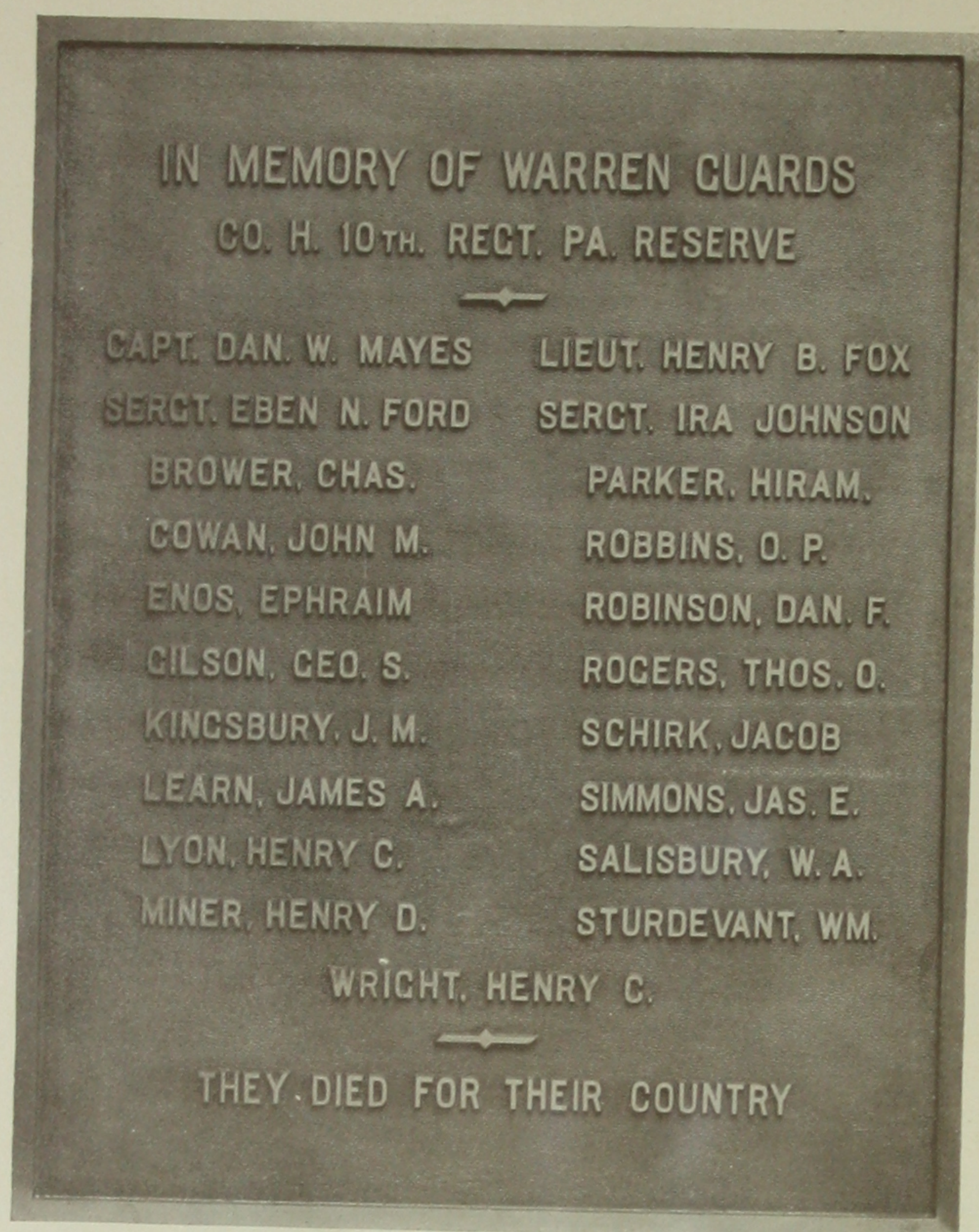
Vulcan Illustration  
No. 1469



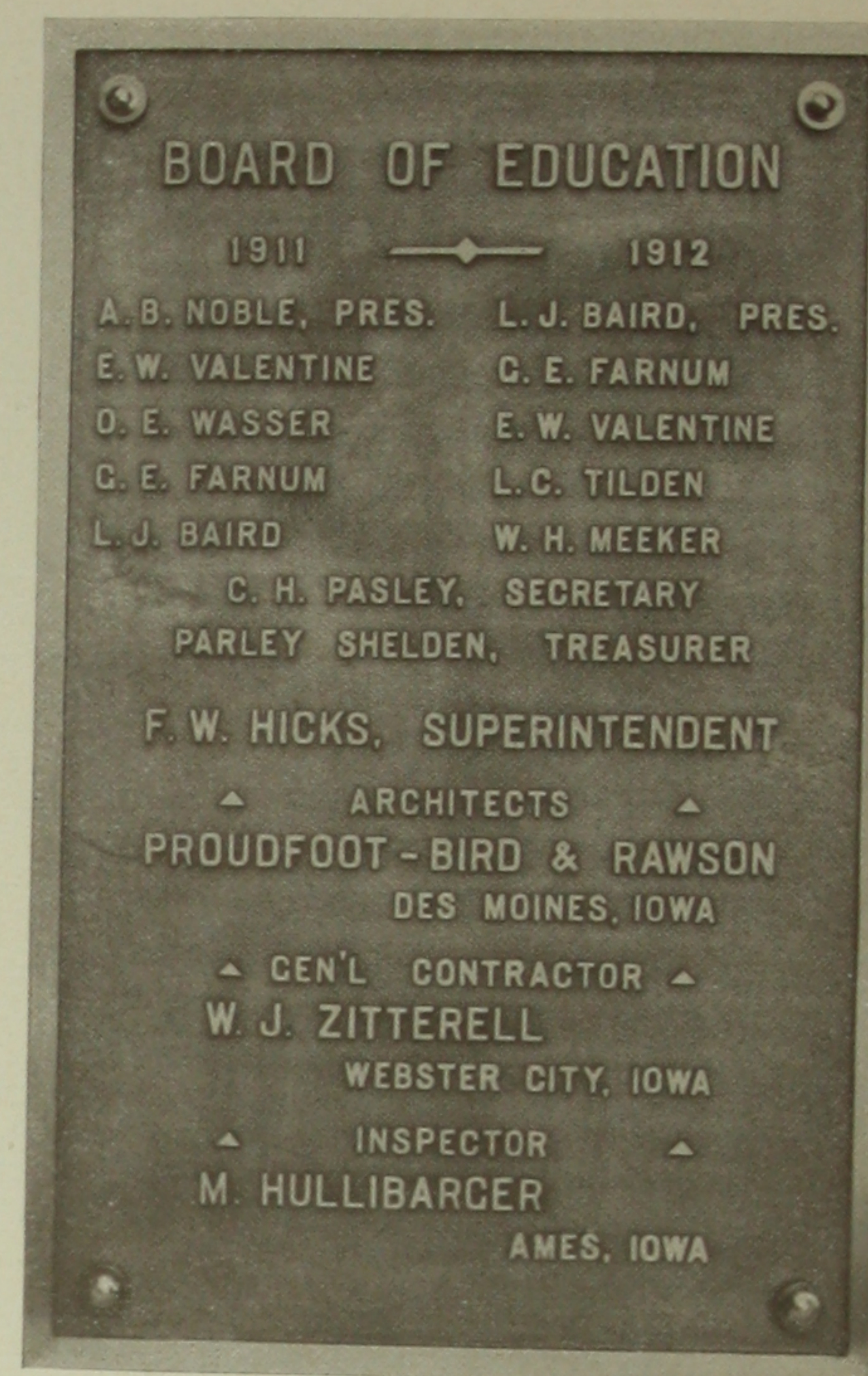
Vulcan Illustration  
No. 1470



CAST STANDARD BRONZE TABLETS



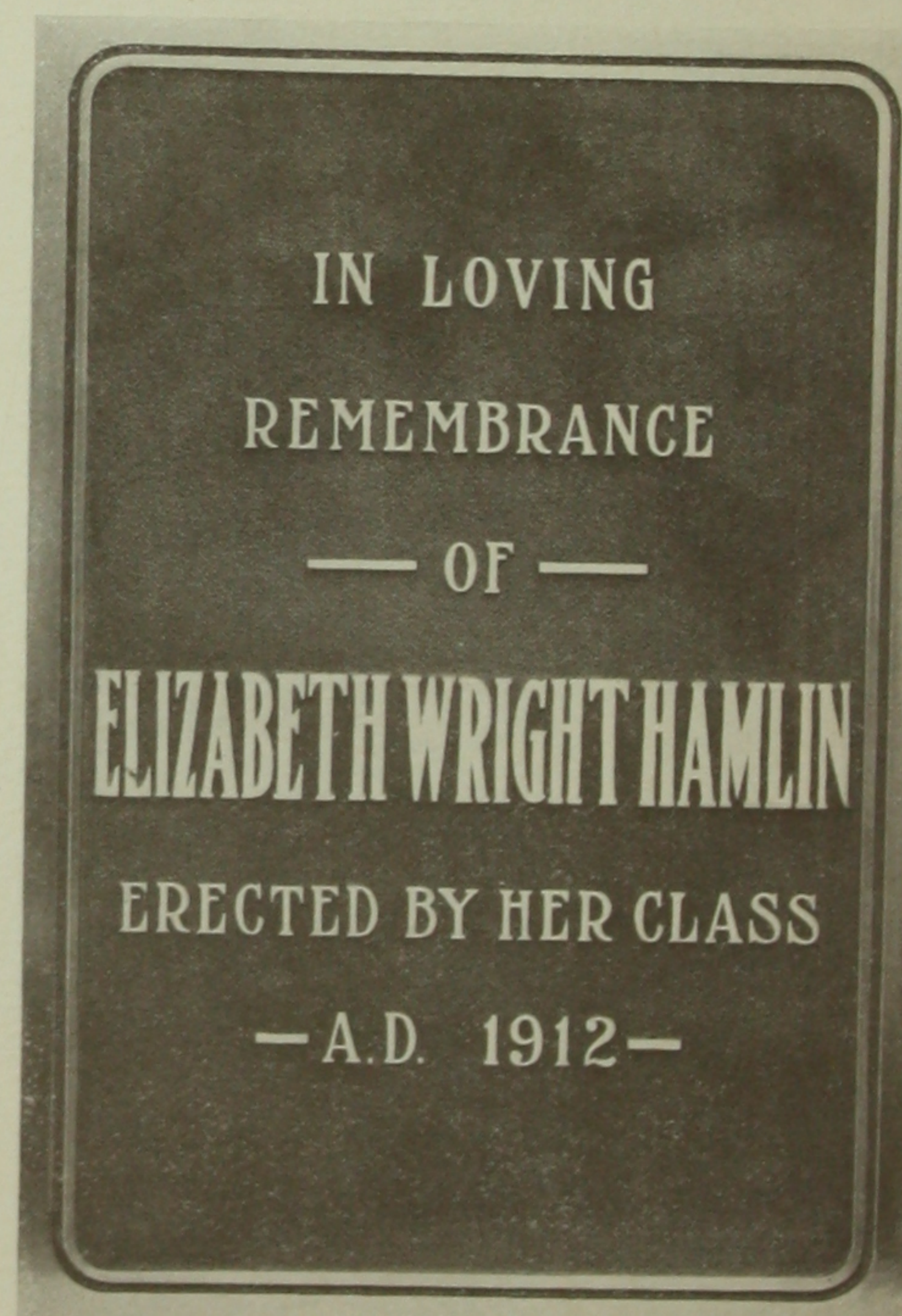
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Vulcan Illustration  
No. 1472



Vulcan Illustration  
No. 1473



Vulcan Illustration  
No. 1474



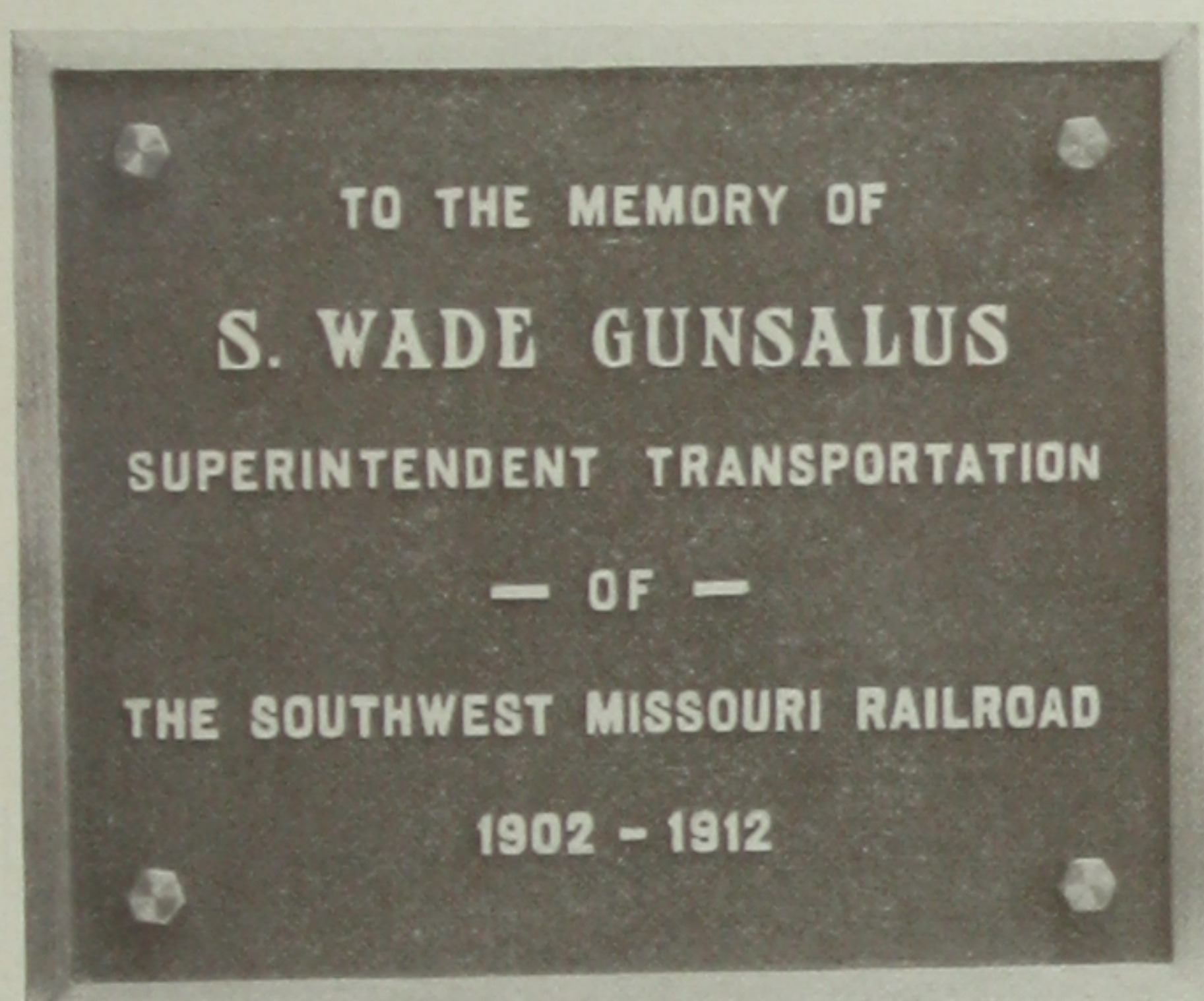
**CAST STANDARD BRONZE TABLETS**



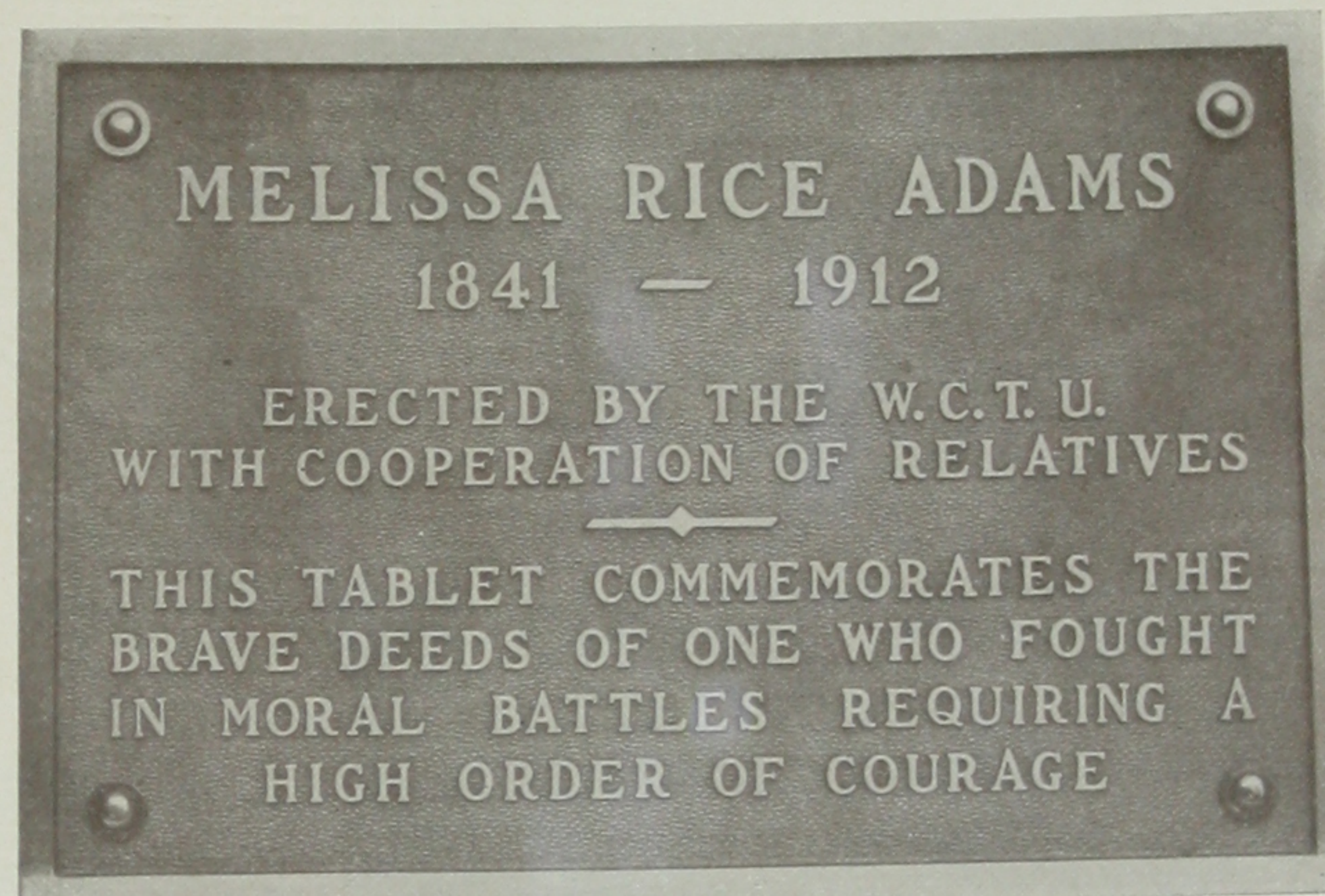
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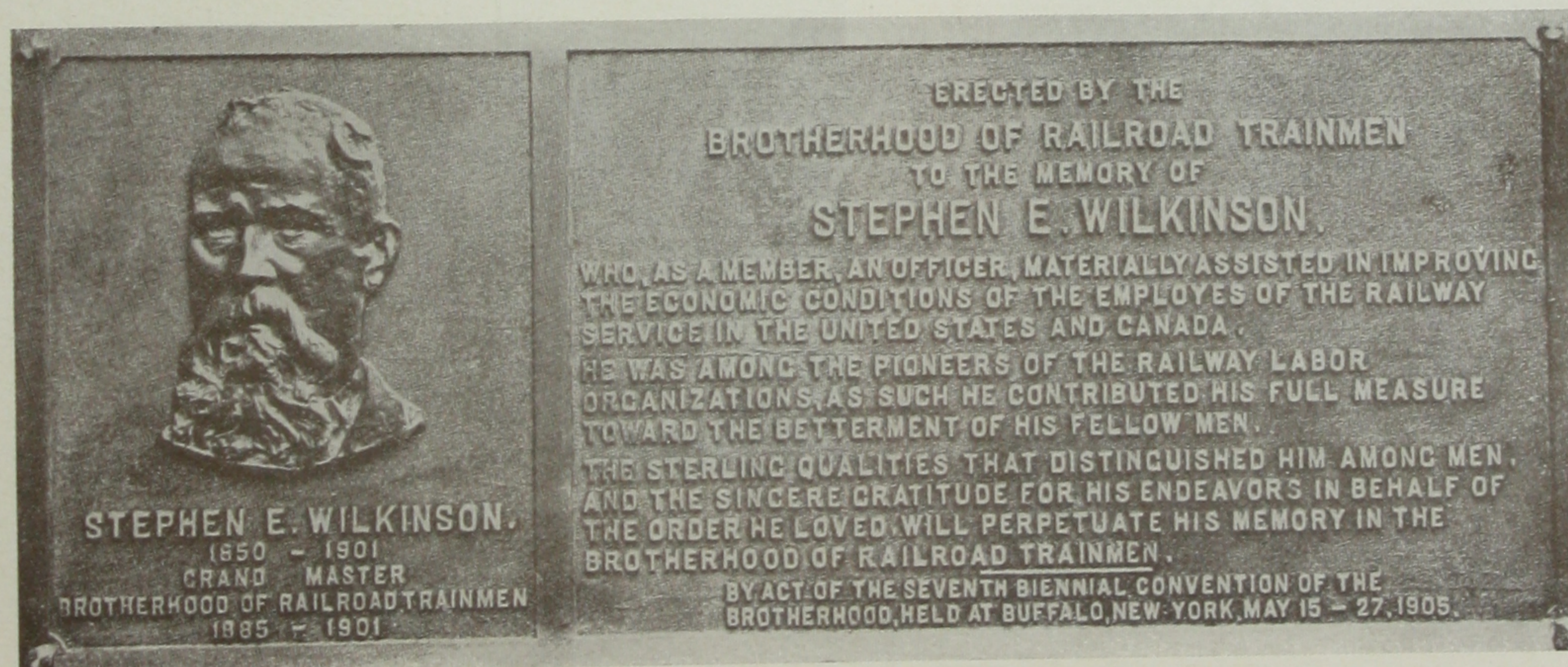
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Vulcan Illustration  
No. 1477



Vulcan Illustration  
No. 1478



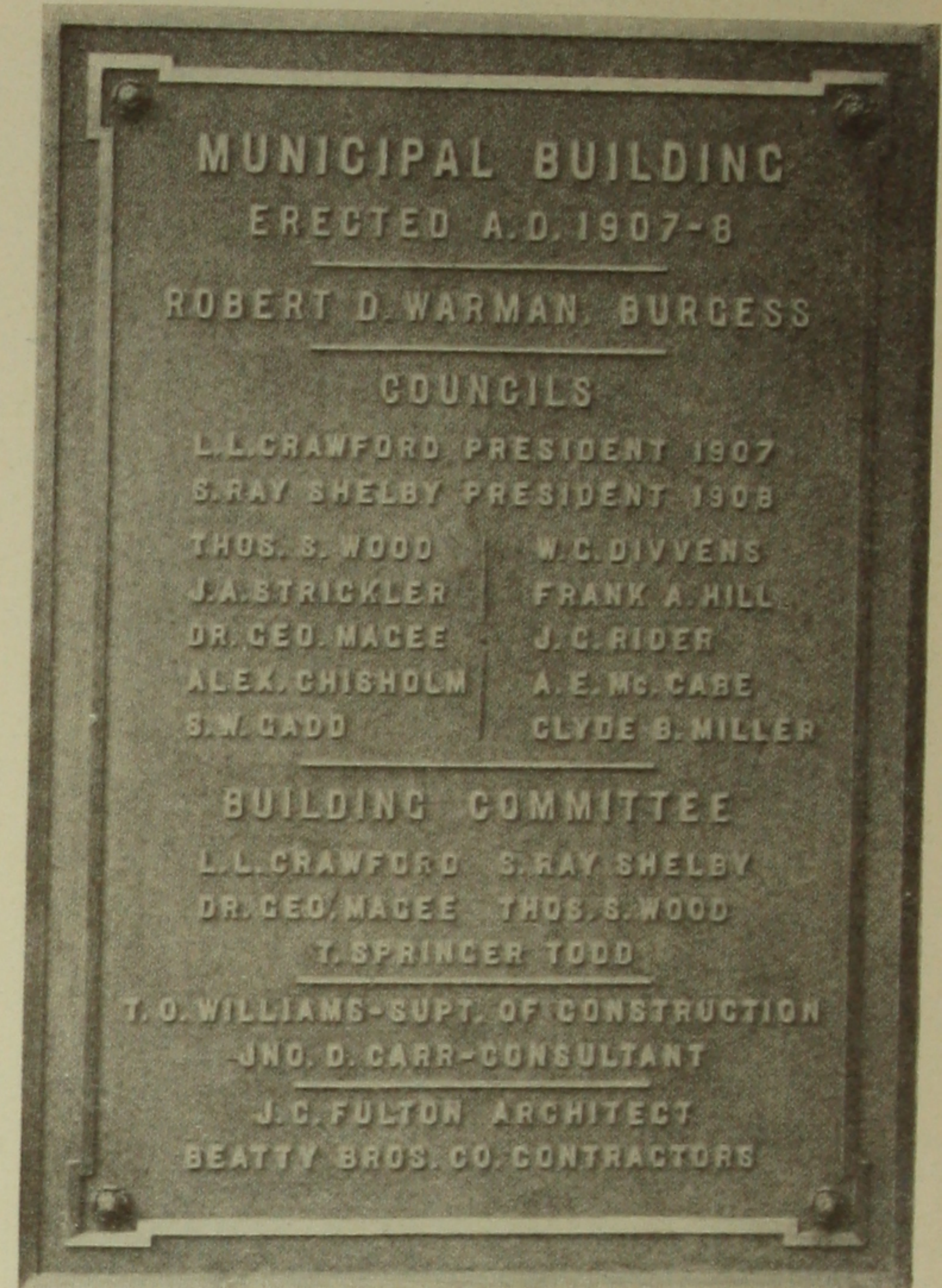
Vulcan Illustration No. 1479



CAST STANDARD BRONZE TABLETS



Vulcan Illustration  
No. 1480



Vulcan Illustration  
No. 1481

KEUKA SPRING			
SODIUM CHLOR.	190	CALCIUM SULPH.	35
CARB. OF LIME	180	MAGN. SULPH.	31
CARB. DIOXIDE	108	SILICA	15
CARB. MAGN.	55	ALUMINA	TRACE
SULPHUROUS AC.	41	PARTS IN	1,000,000

SALINO SPRING			
SODIUM CHLOR.	642	SILICA	120
CARB. OF LIME	356	SULPHUROUS AC.	110
CARB. DIOXIDE	287	MAGN. SULPH.	82
CARB. MAGN.	250	FERRIC OXIDE	80
CALCIUM SULPH.	159	PARTS IN	1,000,000

MINNEQUAH SPRING			
CARB. OF LIME	195	SILICA	50
SODIUM CHLOR.	187	CALCIUM SULPH.	41
CARB. DIOXIDE	117	MAGN. SULPH.	36
CARB. MAGN.	60	FERRIC OXIDE	10
SULPHUROUS AC.	56	PARTS IN	1,000,000

Vulcan Illustration  
No. 1482



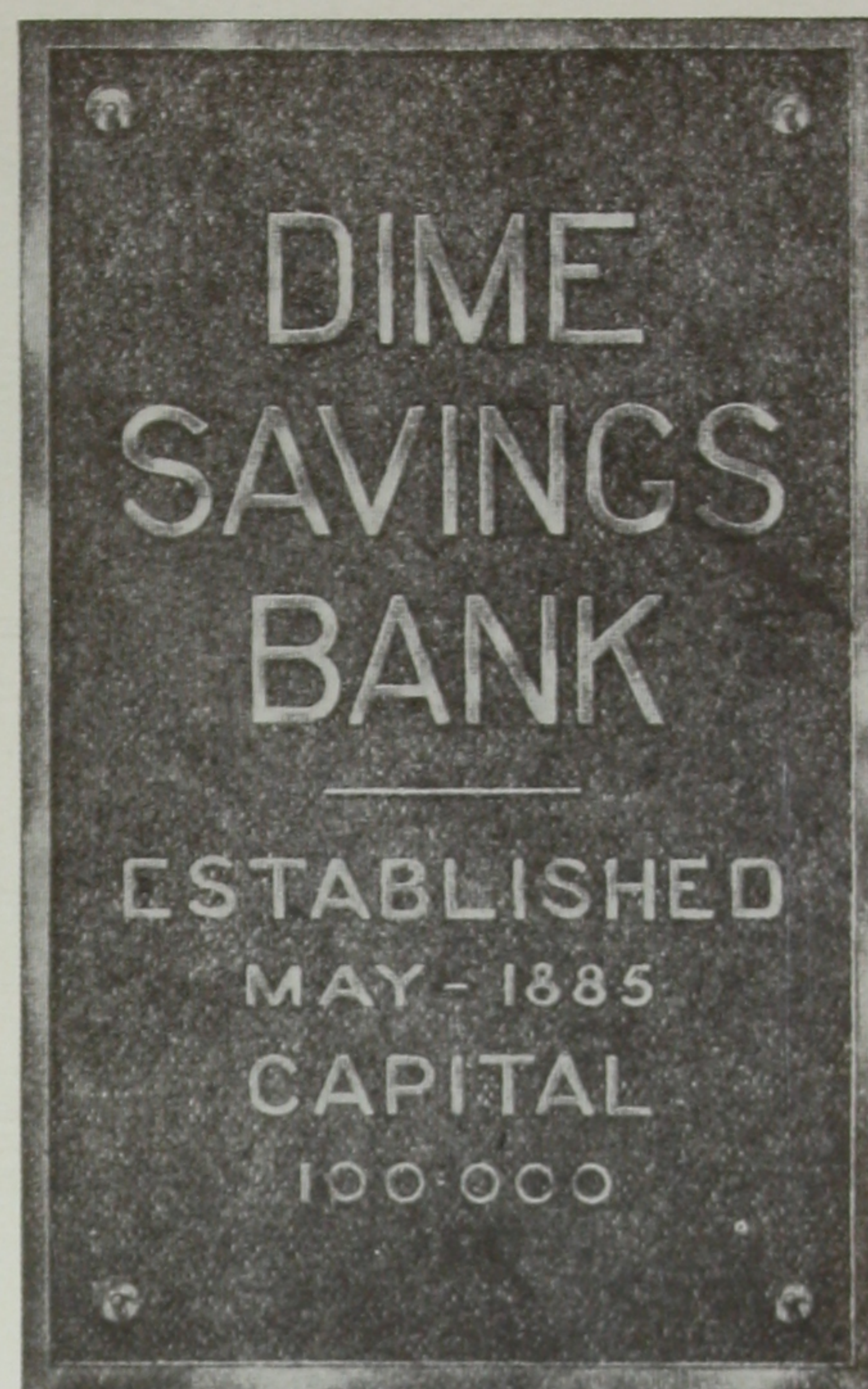
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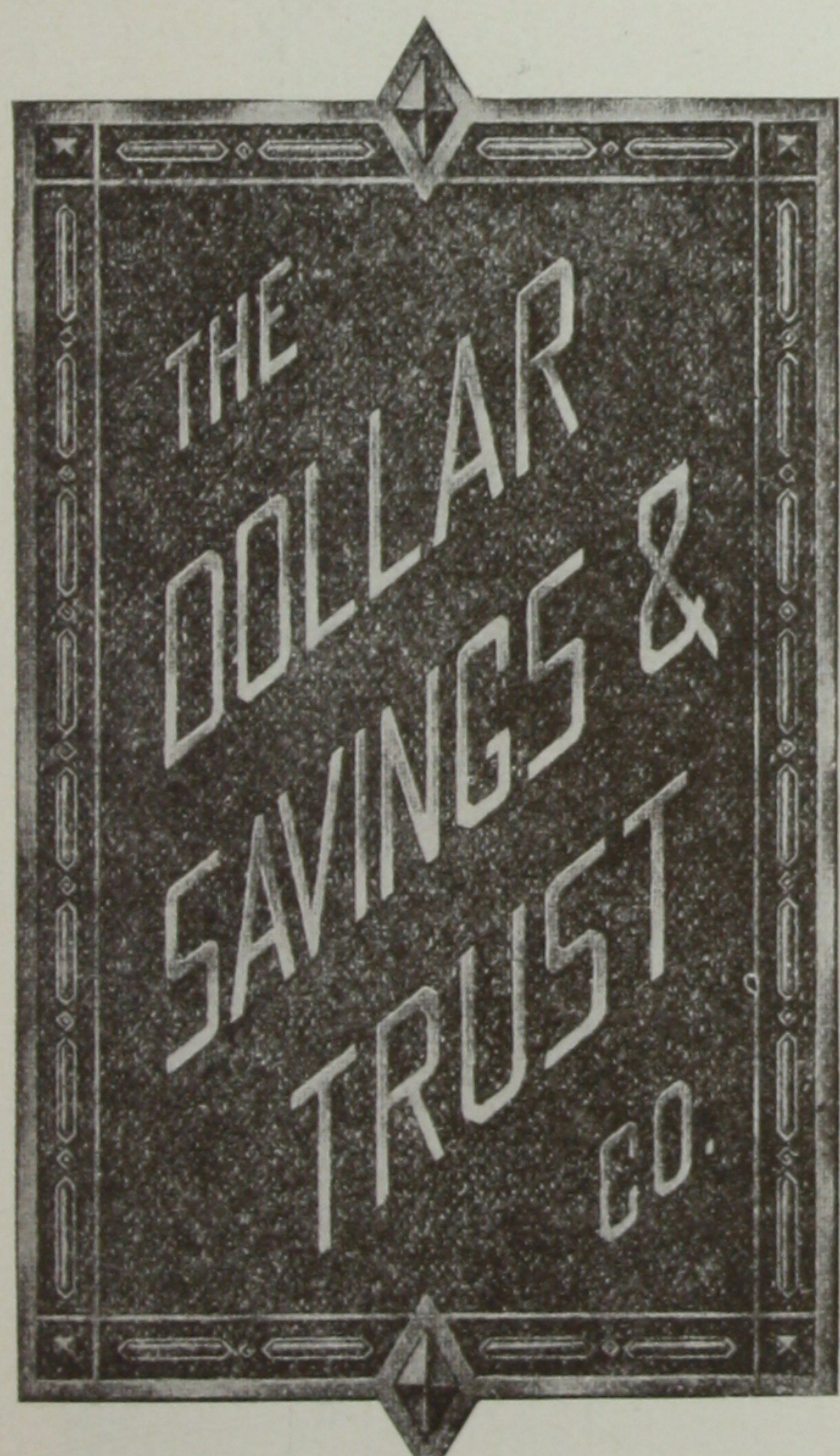
CAST STANDARD BRONZE TABLETS



Vulcan Illustration  
No. 1484



Vulcan Illustration  
No. 1485

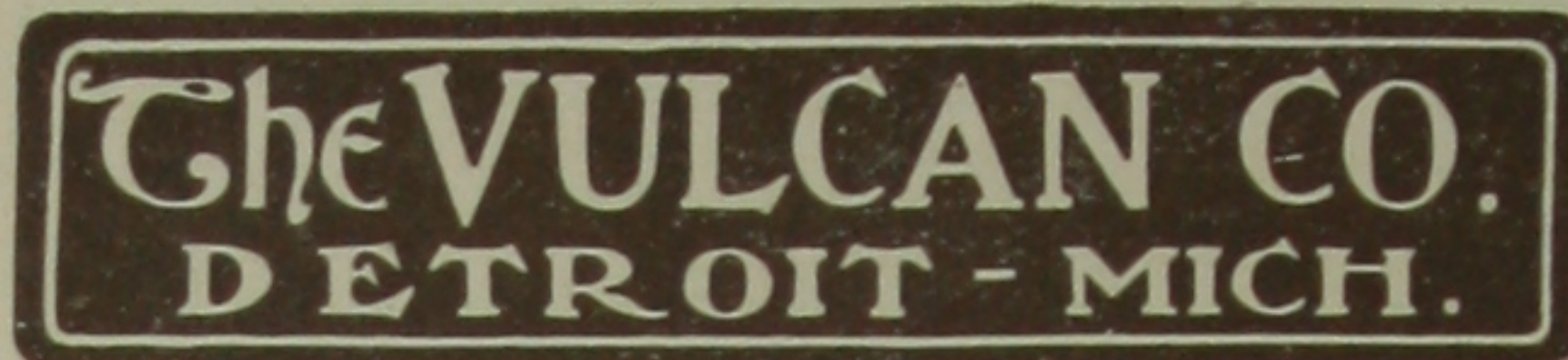


Vulcan Illustration  
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Vulcan Illustration  
No. 1487

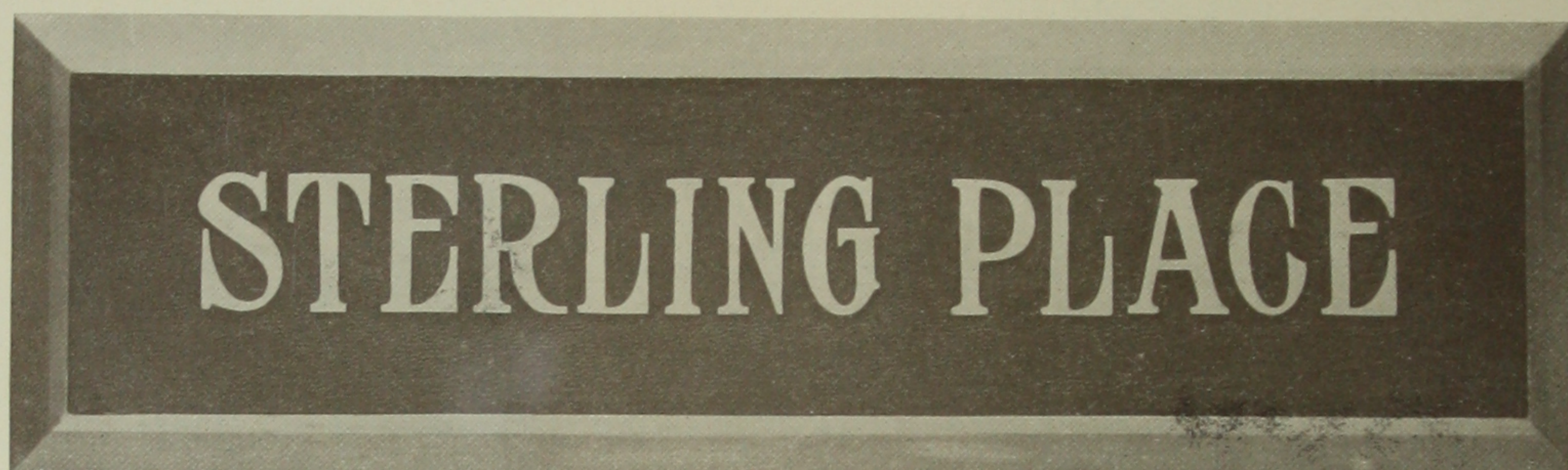




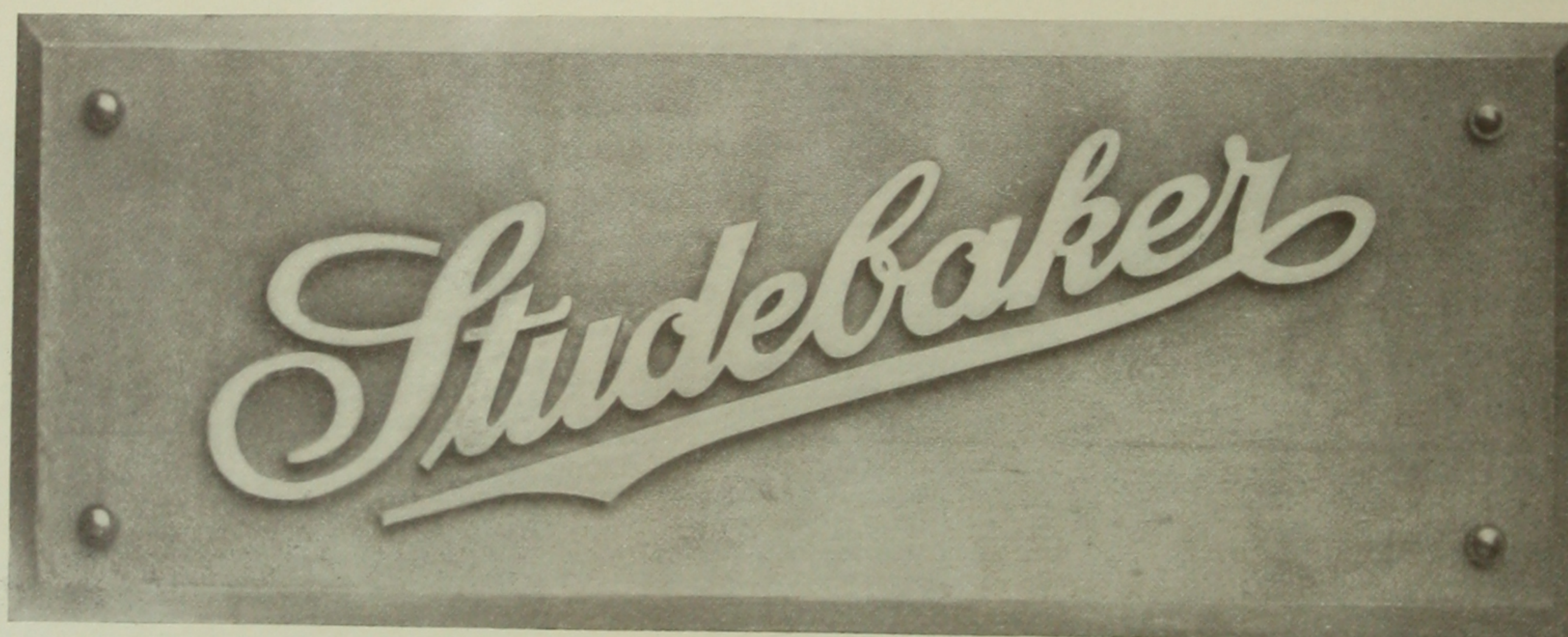
CAST STANDARD BRONZE TABLETS



Vulcan Illustration No. 1488



Vulcan Illustration No. 1489



Vulcan Illustration No. 1490



Vulcan Illustration No. 1491



The VULCAN CO.  
DETROIT - MICH.

CAST STANDARD BRONZE TABLETS



Vulcan Illustration No. 1492

CAST STANDARD BRONZE LETTERS AND FIGURES

For Names on Mausoleums, Monuments and Vaults

A B C D E F G H I  
J K L M N O P Q R  
S T V W X Y Z

Vulcan Illustration  
No. 1493

OLD ROMAN RECONSTRUCTED STYLE.  
All Sizes to Order. Prices on Application



The VULCAN CO.  
DETROIT - MICH.

CAST STANDARD BRONZE LETTERS  
For Names on Mausoleums, Monuments and Vaults

A B C D E F G H I  
J K L M N O P Q R  
S T U V W X Y Z

Vulcan Illustration  
No. 1494

ROMAN-GOTHIC STYLE.  
All Sizes to Order. Prices on Application

A B C D E F G  
H I J K L M N  
O P Q R S T U  
V W X Y Z

Vulcan Illustration  
No. 1495

OLD ENGLISH STYLE.

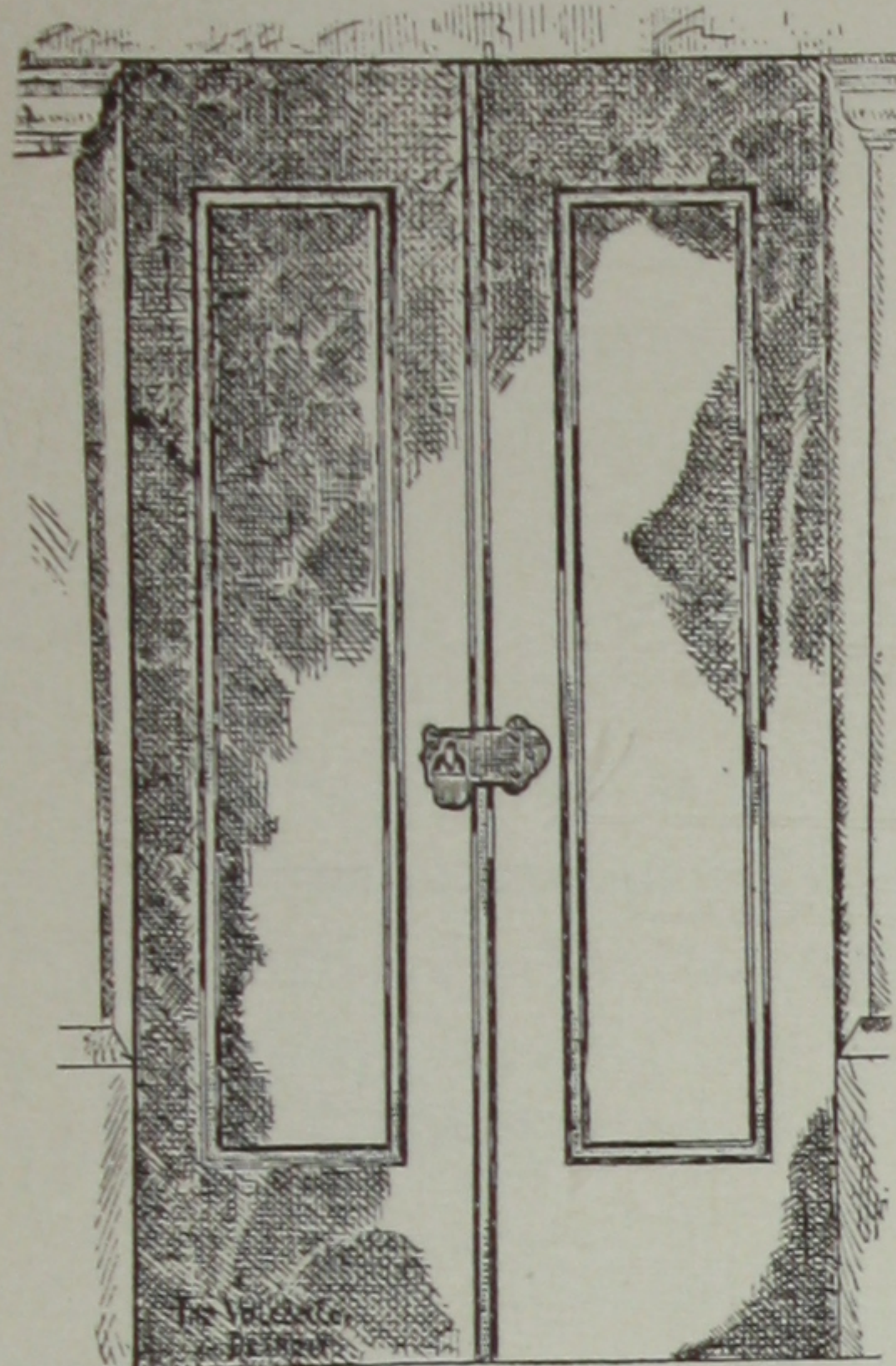
When applied to granite, marble, cement or stone these letters are provided with wedge pins or burred lugs on backs. Prices on application. Usually supplied in natural bronze color, fine emery finish.



## WROUGHT IRON DOORS FOR MAUSOLEUMS

We illustrate on this page designs of doors in iron for cement and other lower priced vaults.

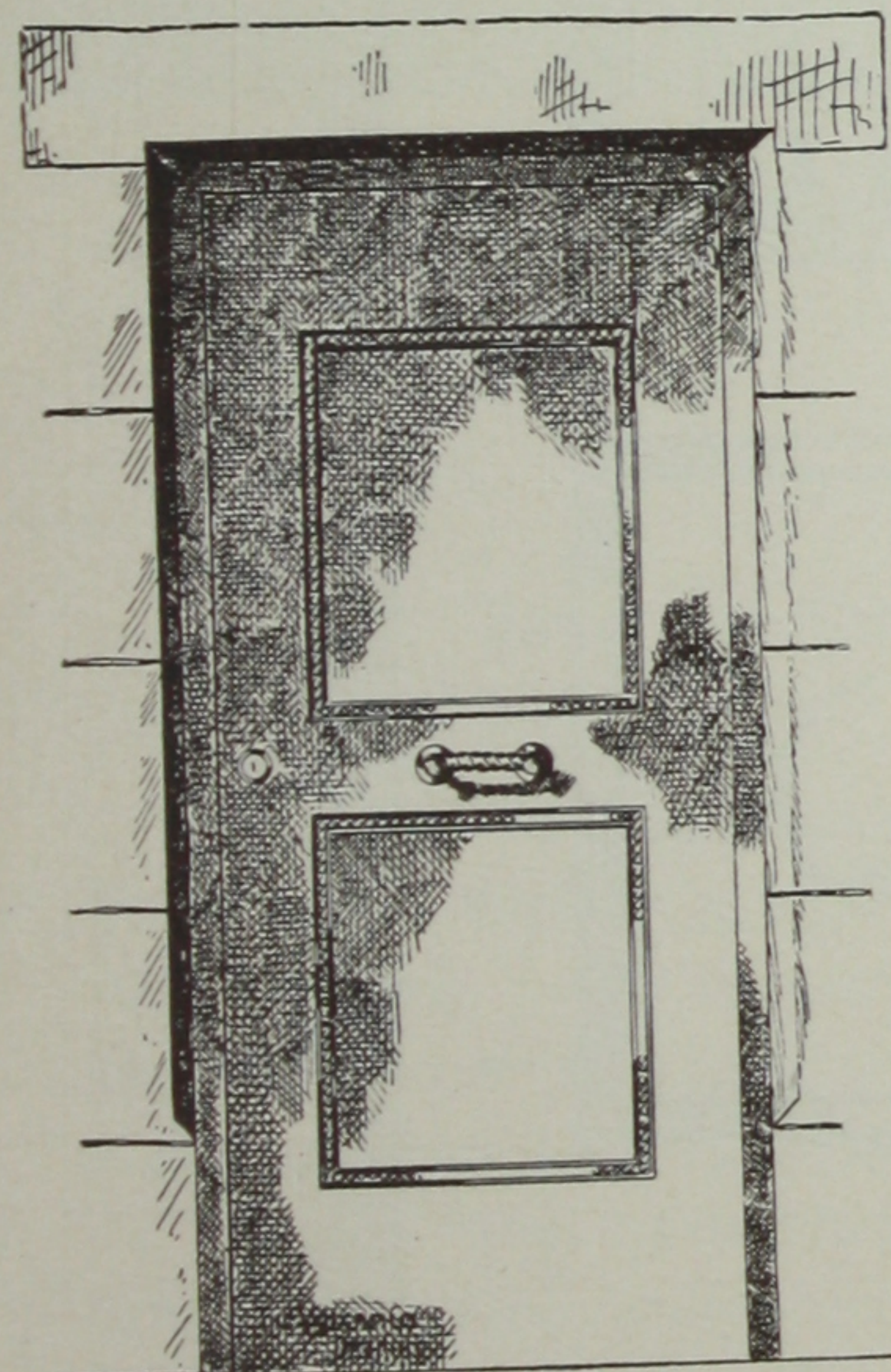
Prices upon Application.



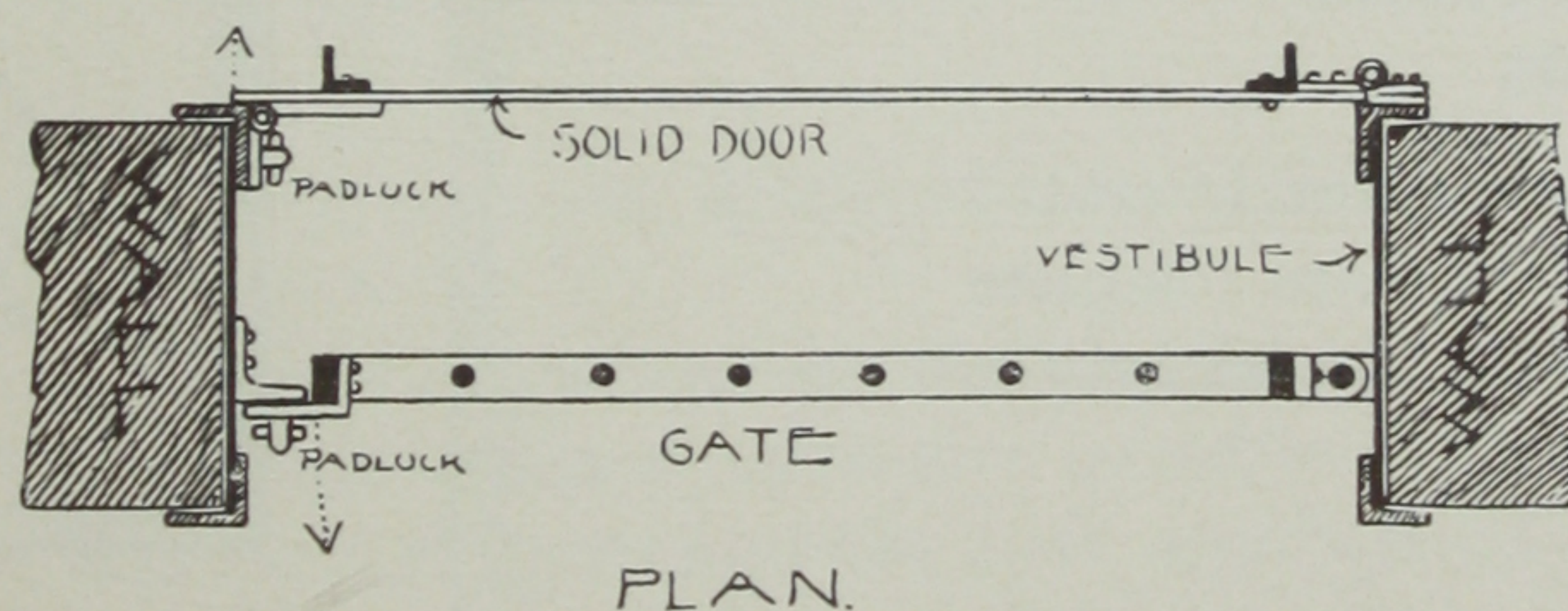
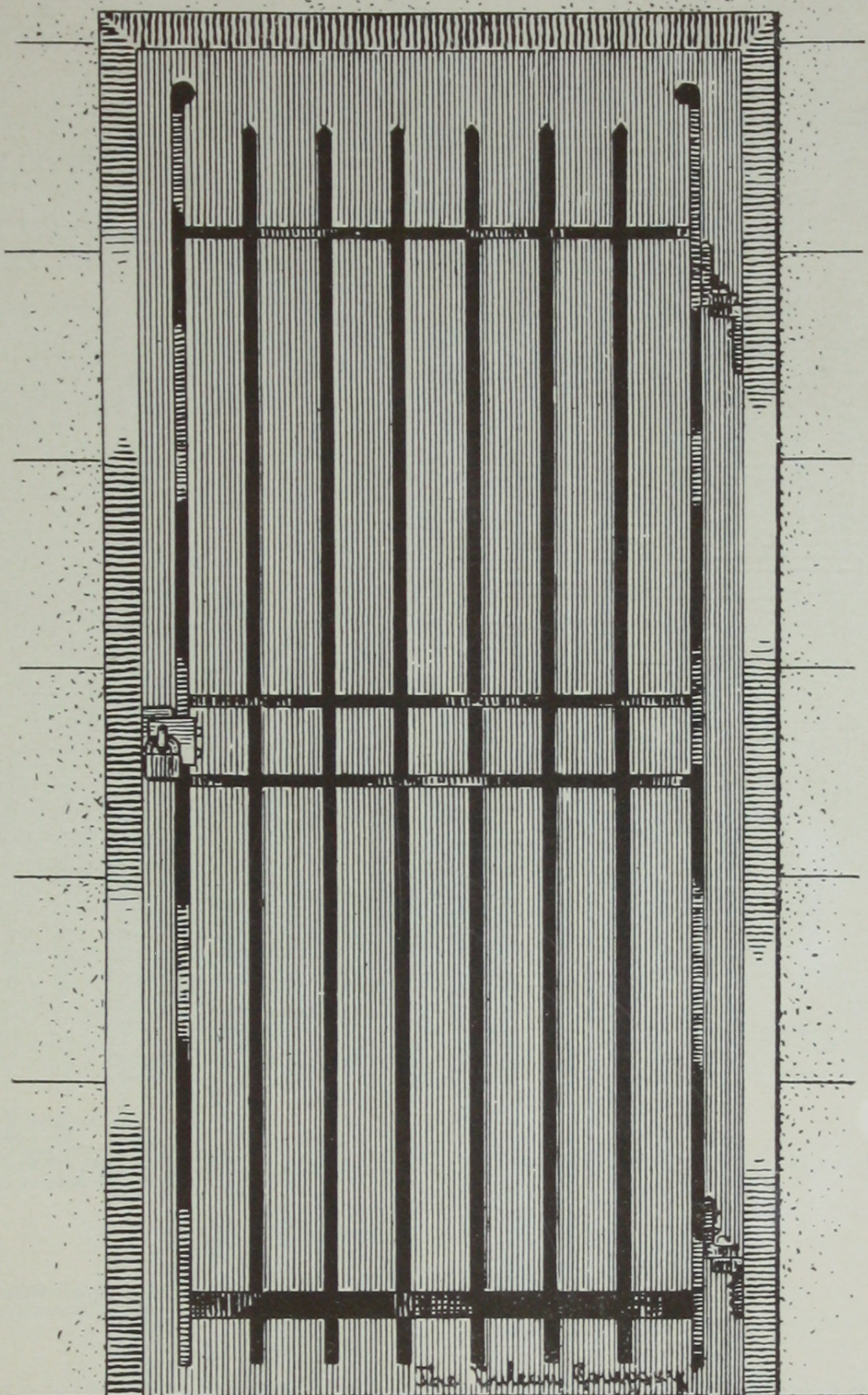
**Vulcan Illustration  
No. 1496**

Always send full particulars when writing for prices.

All designs shown in this catalog in bronze can be executed in iron if desired.



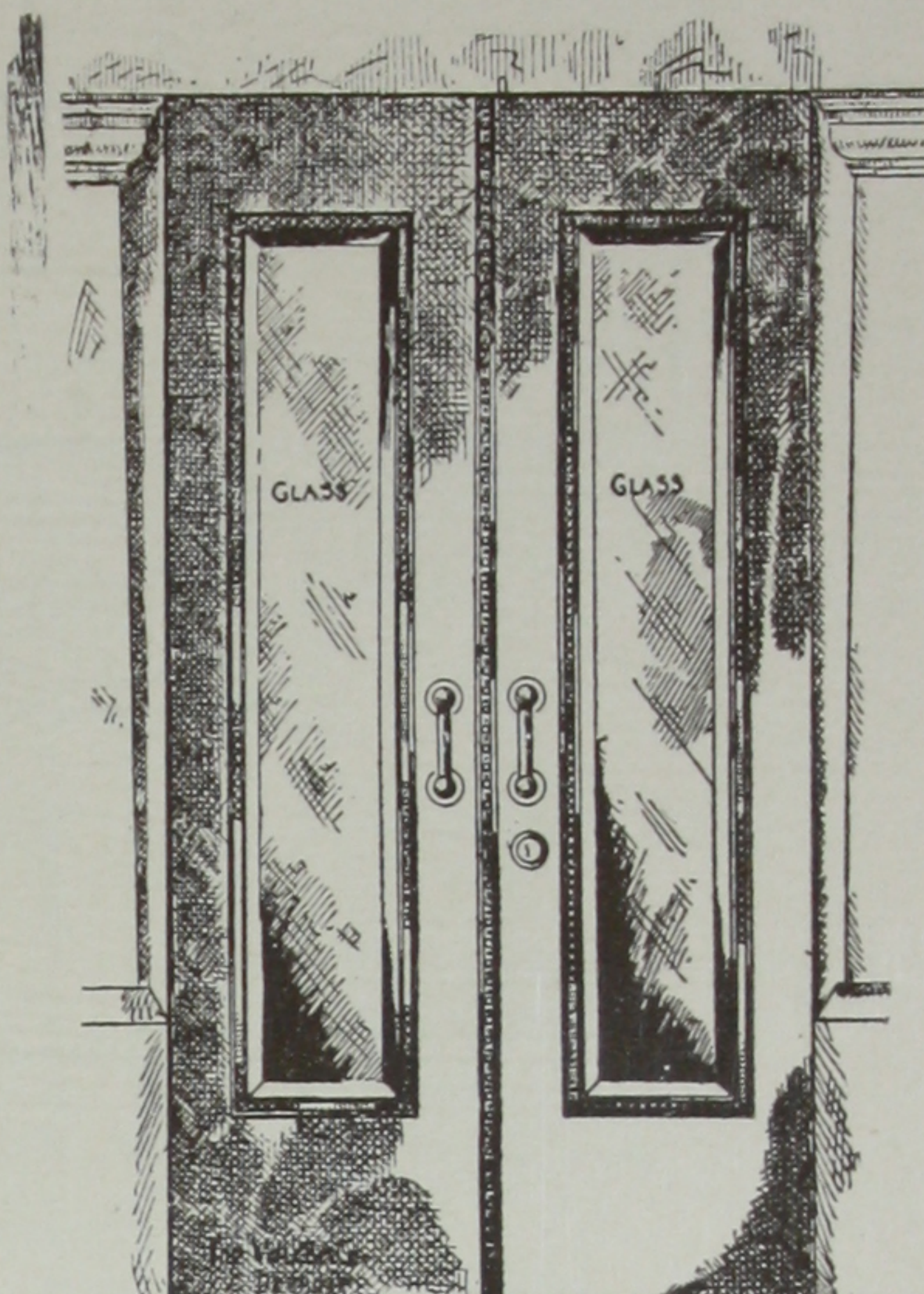
**Vulcan Illustration  
No. 1498**



**Vulcan Illustration  
No. 1499**

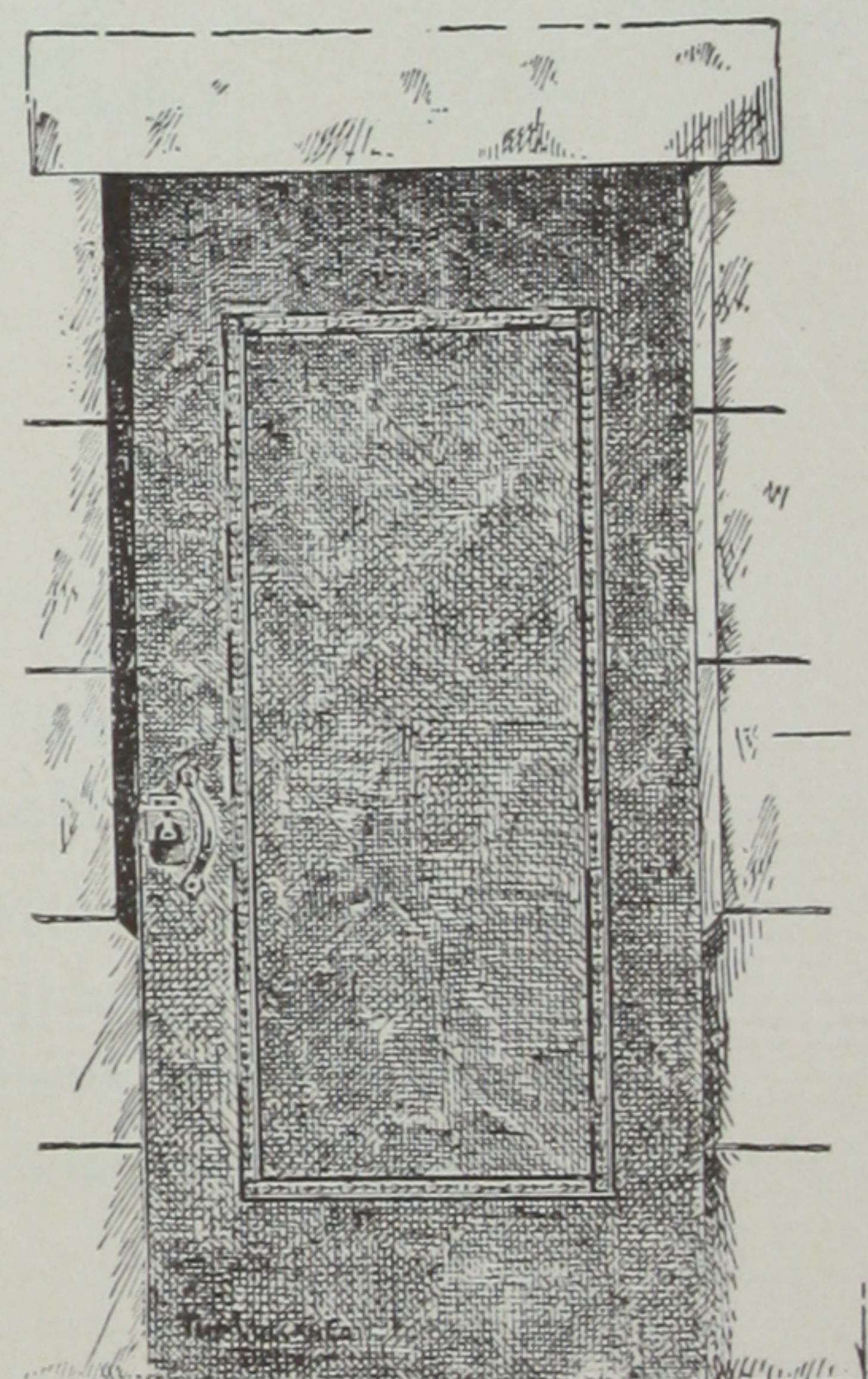
Solid door with gate and vestibule for same. Any size to order. Write for prices.

Complete specifications will be sent with quotation. This outfit can be set in place after opening is made or built in, as desired.



**Vulcan Illustration  
No. 1497**

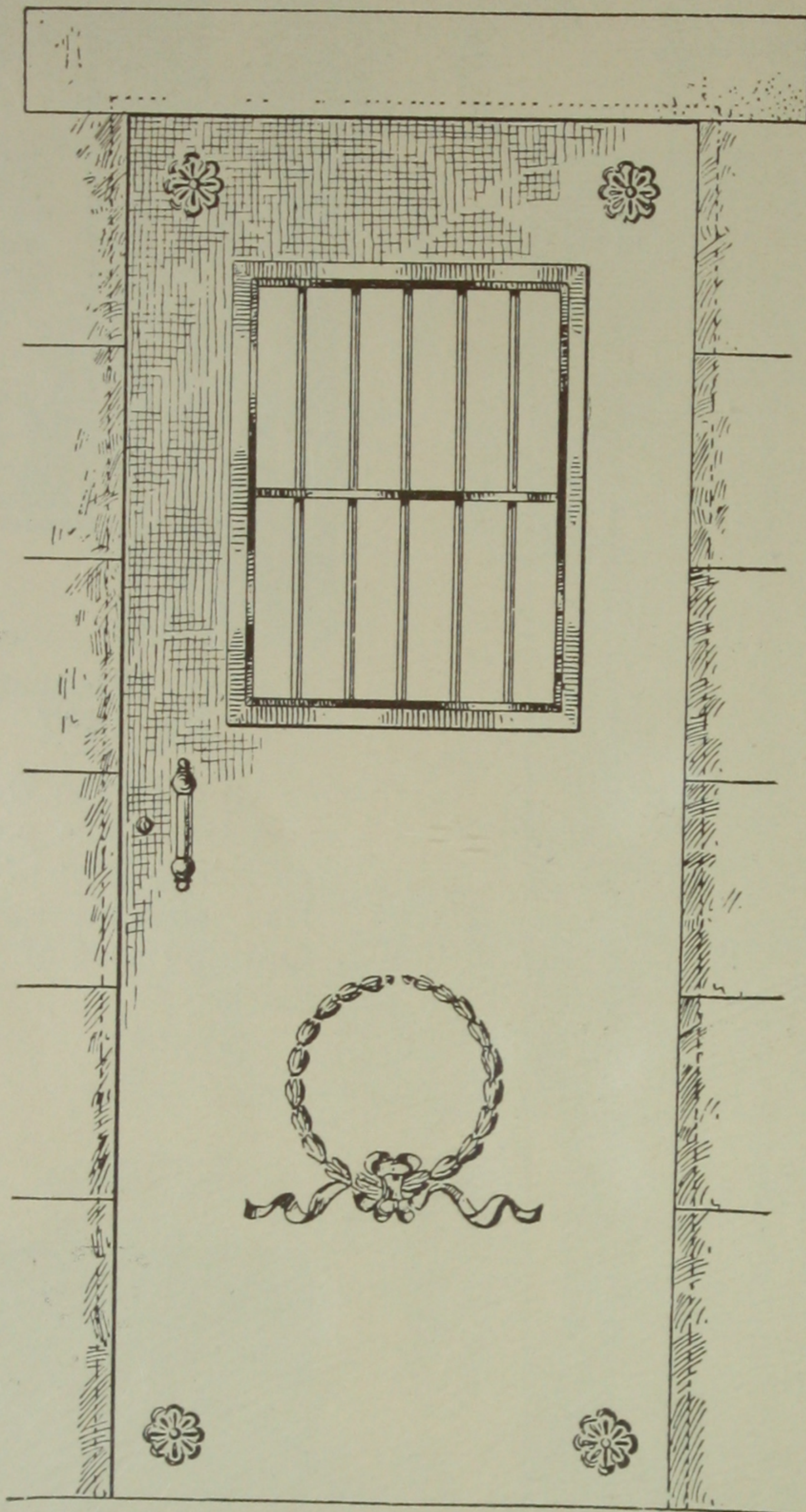
All our Iron Doors and Gates are painted a body coat of red lead and oil and a finishing coat of best black.



**Vulcan Illustration  
No. 1500**



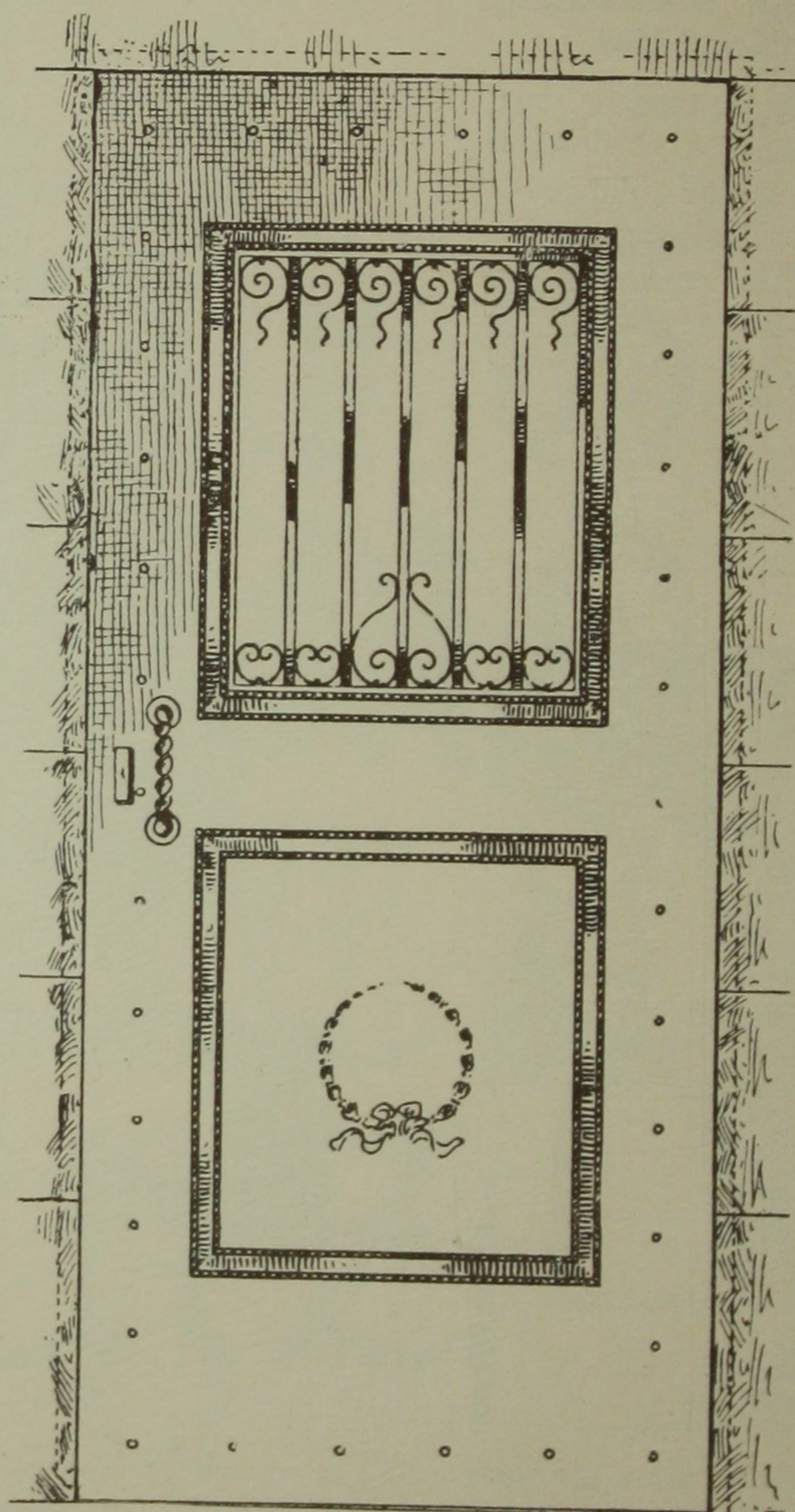
## WROUGHT IRON DOORS FOR MAUSOLEUMS



**Vulcan Illustration  
No. 1501**

All Iron Vault Doors are securely crated and packed for shipment and are complete with all bolts, shields, etc., necessary for the setting of same.

All our Iron Vault Doors have bronze hinges, locks, handles and ornaments, same as used on the more expensive work. Finished with coat red lead and oil and finishing coat of best black. Bronze being left in its natural color.



**Vulcan Illustration  
No. 1502**



**WROUGHT IRON ENTRANCE GATES**  
**For Cemeteries, Parks, Public and Private Grounds**



Entrance to Ev. Luth. Gethsemane Cemetery, Detroit, Michigan.

We Supplied Fencing, Gates and Bronze  
Letters and Figures.

**Send for Catalog No. 1100 Illustrating Entrance Gates, Fences, Etc.**

In all cases where complete plans, design and specifications are prepared by architects we follow such instructions explicitly.

As lithic posts of some kind are now almost universally used we will assume you desire such. If you have them now in place, or if they are determined upon give us outline of them, their general dimensions, and a *ground plan* showing arrangement of posts and the clear openings between.

If you wish us to design posts for you state the material you wish to construct them of, their general proportions, and a ground plan showing arrangement and clear openings between.

If you select one of our illustrated designs of gates make reference to it by catalog number. You do NOT need to send clipping from catalog. Leave catalog intact.

If you desire some special design for gates then give, in addition to post details mentioned above, any guiding comments as to their style. If there is a limited appropriation state the amount allowed for the gates alone.

Following above suggestions will hasten correspondence, and hasten a definite understanding between us.



**The VULCAN CO.**  
**DETROIT - MICH.**

## **DISCOUNT SHEET**

**Catalog No. 1300**

### **Prices**

Owing to the uncertain and fluctuating prices of raw materials and the greatly varying conditions and sizes governing this class of work, it is impossible to supply list prices on all the work illustrated in this catalog.

We will quote NET PRICES promptly upon receipt of complete particulars. If a certain amount is set aside for the bronze equipment, kindly stipulate maximum amount, and we will suggest designs that will come within the appropriation.

On small parts, such as Ornaments, Catacomb handles, Ventilators, etc., we show list prices.

**The discount to the trade is 25% therefrom**

All prices, unless otherwise stated, are F. O. B. cars or wharf Detroit, and are subject to change without notice.

### **Shipping**

All goods are shipped at consignee's or customer's risk. Our responsibility ceases when we get receipt from Transportation Company, showing that goods were received by them in good order. We use the utmost precaution to see that all work leaves our factory in first-class shape. To guard against mistakes, each order must pass rigid inspection.

### **Damages and Shortage**

Check your goods carefully upon receipt of shipment, and if there are any damages or shortages, have each item noted on freight bill and secure acknowledgment of railroad agent. Have him sign freight bill in ink before removing shipment from depot.

### **Claims**

All claims for corrections must be made within ten days after receipt of the goods. No work taken back or credited without our written authority.

### **Freight Rates**

We do not guarantee the freight rates given us by Transportation Companies. We endeavor to secure them as accurately as possible, but merely as an accommodation to assist in approximating total cost of jobs.

### **Shipping Weights**

Our estimates of shipping weights are approximated only and are given to enable our customers to figure freight charges.

### **Terms**

Our terms are NET CASH thirty days from date on invoice, unless otherwise agreed, F. O. B. cars or wharf Detroit.

Customers not rated in commercial agency reports should send us financial references, surety or cash with order, or advise us to ship C. O. D. In the latter case we require twenty per cent of the net price sent in advance with order.

### **General Conditions**

All agreements contingent upon strikes, accidents and unavoidable or unforeseen causes beyond our control, such as delay by transportation companies and inability to secure materials.

Stenographical and clerical errors subject to correction.

Orders cannot be countermanded except with our consent, and only upon terms that will indemnify us against all loss.

Should any material furnished by us prove not as ordered, we will, upon due notice, make proper allowance or correction, but no expense should be incurred without our consent.